

Technical University of Denmark



List of selected publications from Risø's Health Physics Department 1957 - 1989

Vinther, Frits Allan Heikel

Publication date:
1991

Document Version
Publisher's PDF, also known as Version of record

[Link back to DTU Orbit](#)

Citation (APA):
Vinther, F. A. H. (1991). List of selected publications from Risø's Health Physics Department 1957 - 1989. (Risø-M; No. 2914).

DTU Library

Technical Information Center of Denmark

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

List of Selected Publications from Risø's Health Physics Department 1957-1989

Compiled by Frits Heikel Vinther

**Risø National Laboratory, Roskilde, Denmark
January 1991**

Risø-M-2914

List of Selected Publications
from Risø's Health Physics Department
1957-1989

compiled by Frits Heikel Vinther

Dedicated to Henry Lund Gjørup on his Seventieth Birthday

Abstract. This list includes scientific and technical papers written by staff members of the former Health Physics Department of Risø National Laboratory.

The first part includes papers in periodicals, proceedings etc. in order of chronology. The second and third part include Risø-R and Risø-M reports, respectively, arranged according to report numbers.

Risø National Laboratory, DK-4000 Roskilde, Denmark
January 1991

ISBN 87-550-1701-0

ISSN 0418-6435

Grafisk Service, Risø 1991

3/4



Henry Lund Gjørup

CONTENTS

	Page
PREFACE	7
FORORD	9
PAPERS IN PERIODICALS, PROCEEDINGS etc.	11
RISØ-R-REPORTS	75
RISØ-M-REPORTS	87

PREFACE

In 1956 H.L. Gjørup was appointed head of the Health Physics Department at The Danish Atomic Energy Commission, Research Establishment Risø. One of the first health physics duties was a preoperational monitoring of the background radiation at the Risø site. This task was followed by many others - national as well as international. e.g.

- The visit of the US nuclear merchant ship N/S Savannah in Copenhagen in 1964
- The nuclear weapons accident at Thule, Greenland in 1968
- The risk assessment calculations on the Swedish Barsebäck power plant in the late seventieths
- The reactor accident at Chernobyl, Ukraine in 1986

As a scientific discipline dealing with the interaction between radioactivity, man and environment, Health Physics has generally been very appealing to the interest of the public. H.L. Gjørup and his co-workers have throughout the years contributed with numerous articles, letters to the editor and interviews in the mass medias in order to inform about the effects of ionizing radiation and radioactive contamination.

On the occasion of the seventieth birthday of H.L. Gjørup, his former co-workers want to express their appreciation of more than 30 years leadership, inspiration and interest. The present bibliography comprises the scientific production of the Health Physics Department during its entire period of existence, which came to an end in 1990.

The bibliography is gratefully dedicated to Henry Lund Gjørup by his former colleagues at Risø.

On behalf of the colleagues

Asker Aarkrog

"Vi, skriver ! Karle der herne"
Vielgeschrey i den Stundesløse
Actus I. Scen. 4

FORORD

I 1956 påbegyndte H.L. Gjørup opbygningen af Helsefysisk afdeling ved Atomenergikommissionens Forsøgsanlæg, Risø. Det helsefysiske forskningsarbejde kom hurtigt igang. Den første opgave blev at kortlægge baggrundsstrålingen omkring Risø. Senere blev afdelingen involveret i mange opgaver, som ofte havde samfundets store bevågenhed. Det er forståeligt, når man tager i betragtning, at helsefysik er et fag, der knytter teknik, menneske og miljø sammen. Tilbage i halvtredserne var der vel ikke den helt store interesse for miljøet, men man var bekymret over de sundhedsmæssige virkninger, den ioniserende stråling kunne have.

Helsefysisk afdeling blev gennem sin mere end 30 årige eksistens under H.L. Gjørups ledelse en meget væsentlig del af Risøs ansigt udadtil. Afdelingens leder og medarbejdere har således gennem årene bidraget med mangfoldige avisartikler, læserbreve og interviews i vore massemedier.

I anledning af H.L. Gjørups 70 års dag vil den tidligere helsefysikafdelings medarbejdere sige ham tak for mange års ledelse og inspiration. Det sker med denne bibliografi over afdelingens videnskabelige produktion. H.L. Gjørup er ingen Vielgeschrey - tværtimod. Under Gjørups lange virke som leder af Risøs helsefysiske afdeling var det indholdet, der kom først. Rammerne, udenomsværkerne kom i anden række. I dag, hvor helsefysisk afdeling ikke mere eksisterer, er den væsentlige del af indholdet trods alt bevaret. En del af dette findes i den forliggende bibliografi, som dedikeres til Henry Lund Gjørup.

På medarbejdernes vegne

Asker Aarkrog

PAPERS IN PERIODICALS, PROCEEDINGS etc.

Heydorn, K.: Målinger af β -radioaktiviteten i Risø området.

(Ingeniøren, årg. 67, 1958, pp. 283-286).

Gjørup, H.L.: Deltagere fra 15 lande i helsefysiksymposiet på

Risø. (Ingeniørens Ugeblad, årg. 3, 1959, nr. 25, pp. 6-7).

Lippert, J.: Simultaneous Counting of Alpha and Beta Radiation with one Detector. Its Application for Measurement of Air Contamination. (Health Physics in Nuclear Installations. Symposium organised at the Danish Atomic Energy Centre of Risø 25-28 May 1959 by OEEC-ENEA and the Danish Atomic Energy Commission. Paris, 1959, pp. 79-83).

Aarkrog, A.: En oversigt over radiokemiske analyser udført

på "fall-out" prøver indsamlet i perioden 1957-59 ved Risø.

(Svensk Kemisk Tidskrift, bd. 71, 1959, pp. 721-728).

Gjørup, H.L.: Sikkerhedsproblemer ved udnyttelse af atomenergi.

(Ingeniørens Ugeblad, årg. 5, 1961, nr. 7, p. 16).

Aarkrog, A.: Strontium-90 indholdet i dansk korn fra høsten

1959. (Den Danske Møller, 1960, nr. 7 samt Tidsskrift for Planteavl årgang 64 no 5 pp 914-920).

Aarkrog, A.: Specific Fallout Activity in Precipitation as a

Function of Sampling Height. (Nature, vol. 188, 1960, no. 4749, pp. 482-483).

Gjørup, H.L.: Sikkerhedsforanstaltninger og beskyttelse ved

atomanlæg, (i: Atomtidens stråling. Redigeret af Børge Chr. Christensen og Michael Schrøder. (Danmarks Radios Grundbøger). Fremad, 1961, pp. 145-155 og pp. 161-180).

Hansen, Heinz J.M.: Direct Quantitation on Paper Chromatograms of Radioactivity from ^{14}C Labelled Fatty Acids. (Acta Chemica Scandinavica, vol. 15, 1961, pp. 670-674).

Lippert, J.: Anvendelse af båndoptagere i forbindelse med måling af impulsøjdespektre. (Ingeniøren, 70, 1961, pp. 499-502).

Aarkrog, A.: Caesium-137 from Fall-out in Human Milk. (Nature, vol. 197, no. 4868, 1963, pp. 667-668).

Aarkrog, A.: Removal of Radiostrontium from Milk. (Nature, vol. 196, no. 4856, 1962, pp. 767).

Hansen, Heinz J.M.: Quantitative Paper Chromatography of Fatty Acids, I. The Influence of Residual Mobile Phase. (Acta Chemica Scandinavica, vol. 17, 1963, pp. 139-143).

Hansen, Heinz J.M.: Quantitative Paper Chromatography of Fatty Acids, II. Some General Considerations on Direct Photometry. (Acta Chemica Scandinavica, vol. 17, 1963, pp. 187-190).

Aarkrog, A.: Environmental Radioactivity in Greenland and on the Faroes in 1962. (Paper presented at: The 3rd Symposium on Radioactivity in Scandinavia, Radiofysiska Institutionen, Lund, May 20-21, 1963). No manuscript.

Aarkrog, A.: Trods a-stopaftalen stigning i radioaktiviteten herhjemme. (Ingeniør- og Bygningsvæsen, 1963, pp. 553-557).

Aarkrog, A.: Sources of Error in Monitoring and Survey Programmes due to Chemical and Physical Processing and Their Estimates. (Paper presented at: Panel on Standardization of Low Level Activity Measurements, Vienna, October 28-31, 1963).

Aarkrog, A.: Strontium-90 in Seawater around Denmark, the Faroes and Greenland during 1962-63. (Paper at: Conf. on Nuclear Detonation and Marine Radioactivity, Norwegian Defence Research Establishment, Oslo, September 16-21, 1963).

McCarthy, R. and V. Mejdahl: The Genetically Significant Radiation Dose from Luminous Wrist Watches. (Physics in Medicine and Biology, vol. 8, no. 3, 1963, pp. 279-285).

Mejdahl, V. and R. McCarthy: Induced Gamma Fading in Neutron Films. (Techniques de la Dosimétrie Individuelle des Radiations Externes. Paris, OCDE, 1963, pp. 253-267).

Aarkrog, A.: Variation in the Ratio of Strontium-89 to Strontium-90 in Precipitation Samples with Sampling Height. (Nature, vol. 204, no. 4960, 1964, p. 771).

Flyger, H.: A Helium Leak-Detection Method for Respiration Control. (Health Physics, vol. 11, 1965, pp. 223-224).

Flyger, H., and H.C. Rosenbaum: Turbulent Flow Deposition of an Aerosol in Long, Thin Conduits. (Nature, vol. 205, no. 4966, 1965, p. 62).

Moltke, E., H. Funch-Rosenberg and H.J.M. Hansen: Studies on the Turn-Over of Simultaneously Injected Guinea-Pig Albumin-125-I and Thyrozine-131-I in Skin, Wounds and Liver of Guinea pigs. (Acta Endocrinologica, vol. 47, no. 3, 1964, pp. 402-408).

Jensen, H.: NS "Savannah" - gæst i København. (Ingeniør- og Bygningsvæsen, årg. 59, nr. 16, 1964, pp. 406-409).

Lippert, J.: A Cryostat for Germanium Detectors. (Nuclear Instruments and Methods, vol. 32, no. 2, 1965, p. 360).

Mejdahl, V.: Measurement of Small Doses with Thermoluminescence Dosimeters. (Paper presented at: Symposium on Personnel Dosimetry for External Radiation, Harwell, March 17-18, 1965. Published as Risø-M-216).

Williams, E. T., P. G. Hansen, J. Lippert, H. L. Nielsen and K. Wilsky: An Odd-Odd Nucleus with 0^+ Ground State (Eu^{156}). (Physics Letters, vol. 15, no. 2, 1965, pp. 143-144).

Aarkrog, A.: Risø-målinger bekræfter, at Kinas atombombe var baseret på uran. (Ingeniørens Ugeblad, årg. 9, nr. 14, 1965, pp. 1 og 24-26).

Flyger, H. and H. C. Rosenbaum: Discussion of the On-Site Testing of Installed Filters. (Paper presented at: Nordiska sällskapet för strålskydd. Första ordinaire mötet i Stockholm, 7-9 februar, 1966). No manuscript.

Flyger, H. and H. C. Rosenbaum: Lithium Flame Photometer Test for Highly Efficient Filters. (American Industrial Hygiene Association Journal, vol. 26, no. 4, 1965, pp. 409-412).

Hansen, Heinz J. M., L. G. Hansen and M. Faber: The Effect of Whole-Body X-Irradiation of the Synthesis of Individual Fatty Acids in Liver Slices from Normal and Fasted Rats. (International Journal of Radiation Biology, vol. 9, no. 1, 1965, pp. 25-36).

Sever, Y. and J. Lippert: A Compton-Rejection Germanium Spectrometer. (Nuclear Instruments and Methods, vol. 33, no. 2, 1965, pp. 347-348).

Lippert, J.: Halvlederdetektorers anvendelse indenfor helsefysik. (Foredrag ved: Nordiska sällskapet för strålskydd. Förste ordinaire mötet i Stockholm, 7-9 februari, 1966).

Walmod, O.: Radioactivity - health physics. (Paper presented at ILO/IAEA Course on Radiation Protection. Risø, 29. juli, 1965).

Dansgaard, W., H. B. Clausen and A. Aarkrog: Evidence for bomb-produced silicon-32. (Journal of Geophysical Research, vol. 71, no. 22, 1966, pp. 5474-5477).

Dansgaard, W., H. B. Clausen and A. Aarkrog: The Si^{32} fallout in Scandinavia. A new method for ice dating. (Tellus, vol. 18, no. 2-3, 1966, pp. 187-191).

Flyger, H. and H. C. Rosenbaum: On-site testing of filters with special reference to solid aerosols. (Proceedings of the First International Congress of Radiation Protection, Rome, September 5-10, 1966, Part 2, pp. 1551-1559).

Gjørup, H. L.: An emergency food monitor. Proc. NSNFs 1. meeting, Stockholm 7.-9. February 1966. (Acta Radiologica, supplementum, vol. 254, 1966, pp. 146-152).

Hansen, Heinz J. M. and L. G. Hansen: Enhanced synthesis of myristic acid by rat liver homogenates after addition of citrate. (Acta Chemica Scandinavica, vol. 20, no. 2, 1966, pp. 573-575).

Hansen, Heinz J. M. and E. Westergaard: Et klinisk faktorforsøg. - Anvendelsen af et statistisk regnemaskineprogram ved en undersøgelse af postoperative ændringer i serum protein. (Ugeskrift for Læger, bind 128, nr. 16, 1966, pp. 465-470).

Hansen, Heinz J. M. and L. G. Hansen: A change in the synthetic pattern of rat liver fatty acid induced by X-irradiation. (Paper presented at: 3. Int. Congr. of Radiation Research, Cortina d'Ampezzo, June 26 - July 2, 1966). No manuscript.

Lippert, J.: Some applications for semiconductor detectors in health physics. (Proceedings of the First International Congress of Radiation Protection, Rome, September 5-10, 1966, pp. 271-77).

Mejdahl, V.: Thermoluminescence dosimetry in fast-neutron personnel monitoring using body-moderation. (Proceedings of the IAEA Symposium on Neutron Monitoring for Radiological Protection. Vienna, IAEA, 1966, pp. 449-458).

Mejdahl, V.: Thermoluminescence in seashore sand. (Paper presented at: Symposium on the Application of Thermoluminescence to Geological Problems. Spoleto, Italy, September 5-16, 1966).

Walmod, O.: Hvad vi bør vide om atomkraften. (Løn og Virke, nr. 17, 1966, pp. 258-261).

Walmod, O.: Effektiv beskyttelse mod radioaktiv stråling. (Løn og Virke, nr. 18, 1966, pp. 277-279).

Aarkrog A.: On the variation of the $^{137}\text{Cs}/^{90}\text{Sr}$ ratio in human diet components. (Radioecological Concentration Processes. Proceedings of an international symposium in Stockholm 25-29 April, 1966, pp. 115-133).

Aarkrog, A.: Relations between ^{90}Sr levels in the Danish environment. Proceedings of NSNFs 1. meeting, Stockholm 7.-9. February 1966 (Acta Radiologica, Supplementum, vol. 254, 1966, pp. 13-17).

Aarkrog, A.: On the variation of the levels of ^{90}Sr and other fallout nuclides in the grain of rye, barley, wheat and oats. (Proceedings af 1. International Congress of Radiation Protection, Rome, September 5-10, 1966, pp. 1065-1081).

Aarkrog, A. and J. Lippert: Comparison of relative radionuclide ratios in debris from the third and fifth Chinese nuclear test explosions. (Nature, vol. 213, no. 5080, 1967, pp. 1001-1002).

Bøtter-Jensen, L.: A semi-automatic thermoluminescence read-out instrument with a compensating system for the thermal radiation from the heating element. (Paper presented at: Symposium on Nuclear Electronics and Radioprotection, March 4-9, 1968, Toulouse). No manuscript.

Fenger, J. and V. Mejdahl: Termoluminescens - teori og praktiske anvendelser. (Forskning, årg. 77, nr. 1, 1968, pp. 11-15).

Flyger, H.: Måling af kondensationskim. (Forskning, årg. 76, nr. 6, 1967, pp. 159-163).

Flyger, H.: Anvendelse af kondensationskimtælling. (Forskning, årg. 76, nr. 7, 1967, pp. 191-194).

Flyger, H.: Filtrering af partikelformige urenheder i luft. (Forskning, årg. 77, nr. 1, 1968, pp. 21-28).

- Flyger, H.: Filtrering af aerosoler. (Dansk Kemi, årg. 48, nr. 12, 1967, pp. 177-183).
- Hansen, H. J. M.: Simultaneous quantitation of ^{14}C -labelled cholesterol and individual long-chain fatty acids by paper-chromatography. (Journal of Chromatography, vol. 35, 1968, pp. 129-133).
- Hansen, H. J. M.: Quantitative Papier-Chromatographie der Fettsäuren. Beitrag zu einer Diskussion. (Fette. Seifen. Anstrichmittel, Jahrgang 69, Nr. 8, 1967, s. 564-565).
- Aarkrog, A. and J. Lippert: : Europium-155 in debris from nuclear weapons. (Science, vol. 157, no. 3787, 1967, pp. 425-427).
- Aarkrog, A.: ^{90}Sr Strontium i mælketænder, kost og knogler. (Nordisk Medicin, vol. 79, no. 9, 1968, pp. 280-282).
- Bøtter-Jensen, L.: A versatile automatic sample changer for reading of thermoluminescence dosimeters and phosphors. (Proceedings of the 2. International Conference on Luminescence Dosimetry, Gatlinburg, Tennessee, USA, 23-26 September 1968, USAEC Conf-860920, pp. 640-651).
- Bøtter-Jensen, L.: Risøs arbejde med termoluminescens. (Ingeniør og Bygningsvæsen, årg. 63, 1968, p. 3).
- Christensen, P.: Manganese-activated lithiumborate crystals, glasses and sintered pellets as thermoluminescence dosimeters. (Proceedings of the 2. International Conference on Luminescence Dosimetry, Gatlinburg, Tennessee, USA, 23-26 September 1968, USAEC Conf-680920, pp. 90-117).
- Hansen, H. J. M.: Fatty acid synthesis by rat liver homogenates after addition of citrate. (Paper presented at: 5. Meeting of the Federation of European Biochemical Societies, Prague, 15-20 July 1968). No manuscript.

Walmod-Larsen, O.: Flyuheldet ved Thule. (Foredrag ved Nordiska Sällskapet för Strålskydd, Oslo, 2. oktober 1968).

Walmod, O. og F. Bundgaard Larsen: Forsøgsreaktorerne og hot-cell anlægget (I: Risø 1968 s. 32-45).

Gjørup, H.L.: Strålingskontrol (I: RISØ 1968 s. 69-76).

Aarkrog, A.: On the direct contamination of rye, barley, wheat and oats with ^{85}Sr , ^{134}Cs , ^{54}Mn and ^{141}Ce . (Radiat. Bot. 9, 1969, 357-366).

Aarkrog, A.: Strontium-90 in shed deciduous teeth collected in Denmark, the Faroes and Greenland from children born in 1950-1958. (Health Phys. 15, 1968, 105-114).

Przyborski, W., J. Roed, J. Lippert and L. Sarholt-Kristensen: A Refined Oxidation-Stripping Technique of Thin N-Type Si Films. (Radiation effects 1969, Vol. 1, pp. 33-39).

Bøtter-Jensen, L., P. Christensen og V. Mejdahl: Termoluminescens. (I: Beretning om Atomenergikommissionens Virksomhed i tiden 1. april 1969 til 31. marts 1970, 31-37).

Hansen, H.J.M. and L.G. Hansen: Evidence suggesting independent pathways for the synthesis of rat liver fatty acids from Acetyl-CoA and Malonyl-CoA respectively. (Acta physiol. scand. 77, 1969, 252-256).

Funch-Rosenberg, H., H.J.M. Hansen and E. Moltke: The Accumulation of Albumin- ^{125}I and Thyroxine- ^{31}I in Wounds. (Acta physiol. scand. 77, 1969, 252-256).

Carey, E.M., Dils, R. and H.J.M. Hansen: The chain length of fatty acids synthesized by fatty acid synthetase. (Biochem. J., 114, 1969, 67-68).

Bøtter-Jensen, L.: Read-out instruments for solid thermoluminescence dosimeters using hot nitrogen gas as the heating

medium. Symposium on New Developments in Physical and Biological Radiation Detectors, IAEA, Vienna, 23-27 November 1970. (IAEA-SM 143/20, 1970).

Bøtter-Jensen, L.: Measurement of solid thermoluminescence dosimeters by means of hot nitrogen gas. (Paper presented at: International Summer School on Radiation Protection, Radiation Dosimetry, Cavtat, Yugoslavia, 21-30 September 1970).

Carey, E.M., R. Dils and H.J.M. Hansen: Chain-length specificity for termination of fatty acid biosyntheses by fatty acid synthetase complexes from lactating rabbit mammary gland and rat liver. (Biochem. J. 117, 1970, 633-635).

Christensen, P.: A combined lithiumborate-lithiumfluoride thermoluminescence dosimeter for personal routine monitoring. Symposium on New Developments in Physical and Biological Radiation Detectors, IAEA, Vienna, 23-27 November 1970. (IAEA-SM 143/19, 1970).

Christensen, P.: Development and use of lithium borate for thermoluminescence dosimetry. (Paper presented at: International Summer School on Radiation Protection, Radiation Dosimetry, Cavtat, Yugoslavia, 21-30 September 1970).

Dils, R., E.M. Carey, H.J.M. Hansen and B. Gul: In vitro control of fatty acid biosynthesis in the non-ruminant mammary gland. (Proceedings of an international symposium forming the seventeenth Easter school in agricultural science, Univ. of Nottingham, 1970, pp. 185-196).

Flyger, H., A. Sørensen and L. Bøtter-Jensen: A monitor design for airborne radio-iodine. (Paper presented at: 2nd Int. Rad. Prot. Ass. Congress, Brighton, 3-8 May 1970).

Hansen, H.J.M. and B. Skytte Jensen: Quantitative paper Chromatography of fatty acids. III. The chemical interaction with cellulose. (Acta Chem. Scand. 24, 1970, 1783-1790).

Hansen, H.J.M., E.M. Carey and R. Dils: Fatty acid biosyntheses. VII. Substrate control of chain-length of products synthesised by rat liver fatty acid synthetase. (Biochim. Biophys. Acta 210, 1970, 400-410).

Walmod-Larsen, O.: Fusionsenergien - Hvor blev den af. (Radioforedrag i serien: Fra forskningens frontlinier, 28 januar 1971).

Aarkrog, A.: Radioecological investigations of plutonium in an arctic marine environment. (Health Phys. 20, 1971, 31-47).

Aarkrog, A.: Prediction models for strontium-90 and caesium-137 levels in the human food chain. (Health Phys. 20, 1971, 297-311).

Aarkrog, A.: Radioøkologi og forurening. (Ing. Ugeblad nr. 27, 1970, 20-21).

Aarkrog, A.: Radiological investigations after the B 52 crash in 1968 at Thule, Greenland. (Paper presented at: 2nd International Radiation Protection Association Congress, Brighton, 3-8 May 1970). No manuscript.

Bøtter-Jensen, L. and Poul Christensen: Transit dose in extracorporeal blood irradiation devices measured by means of thermoluminescence. 6th Meeting of the Nordic Association for Clinical Physics, Århus, 20.-23. August 1970. (Acta Radiol. Suppl. 313, 1972, 247252).

Bøtter-Jensen, L. and Poul Christensen: Progress towards automatic TLD processing for large-scale routine monitoring at Risø. (Proceedings of the Third International Conference on Luminescence Dosimetry, held at the Danish AEC Research Establishment Risø, 11-14 October 1971. Risø Report 249, part 2, 1971, 851-863).

- Hansen, H.J.M., E.M. Carey and R. Dils: Fatty acid biosynthesis. VIII. The fate of malonyl-CoA in fatty acid biosynthesis by purified enzymes from lactating-rabbit mammary gland. (Biochem. Biophys. Acta 248, 1971, 391-405).
- Hübscher, G., R.J. Mayer and H.J.M. Hansen: Glycolytic enzymes as a multi-enzyme system. (Bioenergetics 2, 1971, 115-118).
- Walmod-Larsen, O.: Hvor risikobetonet er atomkraften (radioforedrag i serien: Fra forskningens frontlinie, 26. maj 1971).
- Walmod-Larsen, N.O.: Strålingen fra a-kraftværker (kronik i Ingeniørens Ugeblad nr. 38, 17. september 1971).
- Weeke, E., I. Rasmussen, Poul Christensen and L. Bøtter-Jensen: Extra-corporeal irradiation of blood for immunosuppressive therapy: Equipment, dosimetry and medical experience. (Peaceful Uses of Atomic Energy. Proceedings of the Fourth Int. Conf. on the Peaceful Uses of Atomic Energy. Geneve, 6-16 September 1971. IAEA, Vienna, 1972, 13, 161-173).
- Aarkrog, A.: Prediction models for ^{90}Sr in shed deciduous teeth and infant bone. (Health Phys. 21, 1971, 803-809).
- Aarkrog, A.: A Re-Examination of Plutonium at Thule, Greenland, in 1970. (Proc. of the Int. Symp. on Radioecology Applied to the Protection of Man and his Environment, Rome 7-10 September 1971, pp 1213-1219).
- Aarkrog, A. and J. Lippert: Direct contamination of barley with ^{51}Cr , ^{59}Fe , ^{58}Co , ^{65}Zn , ^{203}Hg and ^{210}Pb . (Radiat. Bot. 11, 1971, 463-472).
- Aarkrog, A.: Direct contamination of barley with ^7Be , ^{22}Na , ^{115}Cd , ^{125}Sb , ^{134}Cs and ^{133}Ba . (Aspects of Research at Risø. Risø Report 256, 1972, 163-176).
- Aarkrog, A.: Radioøkologi - Radioaktiv Forurening. Foredrag ved Informationsmøde for pressen, Risø, 30-31 maj 1972.

- Blom, E. and A. Aarkrog, Secretion of Iodine 131 in Bull Semen Compared to Blood Plasma and Blood Corpuscles. Acta Vet. Scand. 13 (1972) 438-440.
- Carey, E.M., H.J.M. Hansen, and R. Dils, Fatty Acid Biosynthesis IX. Fatty Acid Synthesis from Enzymically and Chemically Acetylated Rabbit Mammary Gland Fatty Acid Synthetase. Biochem. Biophys. Acta 260 (1972) 527-540.
- Majborn, B., L. Bøtter-Jensen, and P. Christensen, Thermoluminescence Dosimetry Applied to Areas with Mixed Neutron and Gamma Radiation Fields. Proceedings of a Symposium on Dosimetry Techniques Applied to Agriculture, Industry, Biology, and Medicine, Vienna, 17-21 April 1972 (IAEA, Vienna, 1973) 169-177.
- Thorn, E., Fejlslagene måleforsøg på Risø. Ing. Ugeblad 16 Nr. 15 (1972) 10-11.
- Aarkrog, A., Are the Rate Factors in the ^{90}Sr Prediction Models Constant? Proceedings of the 2nd International Conference on Strontium Metabolism, Glasgow and Strontian, 16-19 August 1972 (CONF-720818, pp.437-446).
- Bøtter-Jensen, L., P. Christensen, and B. Majborn, Interpretation of Monitoring Data from a Personnel TLD Badge Exposed to Mixed Neutron and Gamma Radiations. Neutron Monitoring for Radiation Protection Purposes, Proceedings of a Symposium, Vienna, 11-15 December 1972. (IAEA, Vienna, 1973) vol. II 261-272.
- Christensen, P., L. Bøtter-Jensen, and B. Majborn, Influence of Ambient Humidity on TL-Dosimeters for Personnel Monitoring. Proceedings of the Regional Conference on Radiation Protection, Jerusalem,, 5-8 March 1973. Vol. 1 (Israel Atomic Energy Commission, Yavne, 1973) 194-206.

- Haack, K. and B. Majborn, Reactor Gamma Heat Measurements with Calorimeters and Thermoluminescence Dosimeters. Nucl. Instrum. Methods 111 (1973) 283-286.
- Leth Nielsen, B. and L. Bøtter-Jensen, Natural Background Radiation Levels from Areas of Major Geological Units in Greenland, Determined by Means of Thermoluminescence Dosimetry. Mod. Geol. 4 (1973) 119-129.
- Sørensen, A., Strålingsdoser på Risø. Risø Nyt marts 1973, p. 6.
- Walmod, O., Nordisk miljø kontakt. Risø Nyt maj 1973, p. 8.
- Aarkrog, A., Hvorfor interesserer folks spisevaner helsefysikere? Ing. Ugeblad 18 nr. 10 (1974) 16.
- Aarkrog, A., Radioaktiv forurening. I: Forureningens Hvem Hvad Hvor. (Politikens Forlag, København, 1973) 337-363.
- Brøns, P., Angst for atomer - bange for baner. Synspunkt i Weekendavisen 8 marts 1974.
- Gjørup, H. L., Strålingen fra atomkraft. Ing. Ugeblad 17 nr. 49 (1973) 9-10.
- Gjørup, H. L., Strålingsdoser fra reaktoruheld. Foredrag ved: Dansk Fysisk Selskab og Dansk Ingeniørforening, København, 2 Marts 1974. No manuscript but mentioned by Michael Jensen in Hovedområdet, marts 1974.
- Majborn, B., Siden 1945 14 dødsfald blandt 165 alvorligt stråle-ramte. Ing. Ugeblad 18 nr. 3 (1974) 3-4.
- Hansen, H. J. M., Et uheld med radioaktivt affald i et USA lager. Ing. Ugeblad 17 nr. 42 (1973) 4-5.
- Hansen, H. J. M., Trolden i æsken. Ålborg Stiftstidendes kronik, 17 Februar 1974 og Fyens Stiftstidendes kronik, 20 Februar 1974.

Hansen, H. J. M., Significance of Malonyl-CoA as an Intermediate in Fatty Acid Biosynthesis. *Lipids* 8 (1973) 595-596.

Hansen, H. J. M., Den biologiske virkning af stråling og hvor meget kan vi tåle. Foredrag ved: Nyborg Folkeuniversitets forening, Nyborg, 14 Januar 1974. No manuscript.

Dietrich, O. W. og H. J. M. Hansen, Frygten for det ukendte. *Aalborg Stiftstidendes kronik*, 8 April 1974.

Korsbech, U. og J. Roed, USA-debatten om A-kraft. *Kronik i Ugeblad* 17 nr. 22 (1973) 21-22.

Bojsen, J., U. Møller, P. Christensen, and J. Lippert, Telemetry of Radionuclide Tracers by Implantable Thermoluminescent Dosimeters on Rats. *Biotelemetry II. Proc. of the 2nd. International Symposium, Davos, 20-25 May 1974*, pp. 43-45.

Bøtter-Jensen, L., P. Christensen, and B. Majborn, TLD Personnel Monitoring System with Automatic Processing. *Proceedings of the 3rd International Congress of the International Radiation Protection Association, Washington D.C., 9-14 September 1973. (International Radiation Protection Association, Washington D.C., 1974) (CONF-730907-P1) 572-577.*

Bøtter-Jensen, L., Thermoluminescence Dosimetry. Paper presented at: *Symposium on Instrumentation in Nuclear Medicine, Stockholm, 6-7 May 1974.*

Koczynski, A., M. Wolska-Witer, L. Bøtter-Jensen, and P. Christensen, Graphite-Mixed Non-Transparent LiF and $\text{Li}_2\text{B}_4\text{O}_7$: Mn TL Dosimeters Combined with a Two-Side Reading System for Beta-Gamma Dosimetry. *4th International Conference on Luminescence Dosimetry, Krakow, 27-31 August 1974. Vol. 2 (Institute of Nuclear Physics, Krakow, 1974) 641-650.*

Aarkrog, A, Radioaktiv forurening af havet. *Fisk og Hav* (1974) 3-11.

- Gjørup, H. L., Aspekter af reaktorsikkerhed. Foredrag ved: Elektrofysikgruppen, DTH, Lundtofte, 30 Oktober 1974. No manuscript.
- Walmod-Larsen, O., Overordentlig små konsekvenser af a-værksulykker, Ingeniørens Ugeblad nr. 37, 13.9.1974.
- Walmod-Larsen, O., Fordele - ulemper ved atomkraftanlæg. I: Atomernes hvem-hvad-hvor (Politikens Forlag 1974) 103-120.
- Walmod-Larsen, O., Fremtidsperspektiver - Fusionsenergi. I: Atomernes hvem-hvad-hvor (Politikens Forlag 1974) 320-335.
- Faber, M. and J. Lippert, The Incidence of Malignancies among the Employees in an Atomic Energy Research Station. Paper presented at: 3rd European Congress of the International Radiation Protection Association, Amsterdam, 13-16 May 1975.
- Gjørup, H. L., Strålingens biologiske virkninger. I: Den Nødvendige Atomkraft. Redigeret af P. L. Ølgaard. (Teknisk Forlag, København, 1976) 42-46.
- Hansen, H. J. M., Changes in the Lipid Fraction of the Eel Gills after Ionizing Irradiation in Vivo and a Shift from Fresh to Sea Water. Radiat. Res. 62 (1975) 216-224.
- Hansen, H. J. M., Sabotage mod den demokratiske beslutningsmekanisme. Vestkysten, kronik, 26 August 1975.
- Hansen, H. J. M. og P. L. Ølgaard, Plutonium. En beskrivelse af stoffets giftighed samt dets mulige anvendelse til fremstilling af kernevåben. (AEK, Risø, 1975) 32 pp.
- Hansen, H. J. M., Hvor giftigt er plutonium. I: Den Nødvendige Atomkraft. Redigeret af P. L. Ølgaard. (Teknisk Forlag, København, 1976) 57-59.

Hansen, H. J. M., Correlations between Environmental Salinity and the Biosynthesis of Individual Lipids in the Gills of Silver Eels. Paper presented at the 8. Nordiska Lipidsymposium, Helsingfors, 8-12 June 1975.

Korsbech, U. og J. Roed, Atomkraftdebatten og dens skræmmebilleder. Kristeligt Dagblad, kronik, 17 juli 1975.

Korsbech, U. og J. Roed, Rasmussen-rapportens konklusion holder. Kristeligt Dagblad, kronik, 18 juli 1975.

Thorn, E., Helsefysisk assistance til Barsebäck, Risø Nyt november 1975, 8-9.

Walmod-Larsen, O., Radioaktivt udslip fra A-kraftværker. I: Den Nødvendige Atomkraft. Redigeret af P. L. Ølgaard. (Teknisk Forlag, København, 1976) 75-78.

Walmod-Larsen, O., Metoder til vurdering af de helbredsmæssige konsekvenser af kernekraftværker i Danmark. Elektrotekniker nr. 24 1975, 25-32.

Aarkrog, A., Radiochemical determination of plutonium in marine samples by ion exchange and solvent extraction. Technical Report Series No. 169, Reference methods for marine radioactive studies II, IAEA 1975 pp 91-96.

Aarkrog, A., Radionuclide Levels in Mature Grain Related to Radiostrontium Content and Time of Direct Contamination. Health Phys. 28 (1975) 557-562.

Aarkrog, A., Radioaktiv forurening. I: Atomkraft? Redaktion: U. Geertsen, L. Henriksen, L. Josephsen og O. Nathan. (Energioplysningsudvalget, København, 1975) Energioplysningsudvalgets Grundbøger nr. 2 60-66.

Majborn, B., Description of the Risø Nuclear Accident Dosimetry System. Nuclear Accident Dosimetry. Report on the 4th IAEA

Intercomparison Experiment at Harwell, UK, 7-18 April 1975.
Part 2. AERE-R-8521 (1976) 6-7.

Gjørup, H. L., Kernekraftværkernes højaktive affald. Naturens
Verd. (1976) 140.

Aarkrog, A., Dumpning af radioaktivt affald i verdenshavene.
Ingeniøren 2 nr. 23 (1976), 12.

Aarkrog, A., Hvor farligt er det med et a-kraftværk som nabo?
Horsens Folkeblad, kontaktredaktionen, 26. april 1976.

Majborn, B., Hvor farlig er en sabotageaktion? Horsens Folkeblad,
kontaktredaktionen, 28. april 1976.

Majborn, B., Endnu er der aldrig sket reaktoruheld på kraftvær-
ker. Horsens Folkeblad, kontaktredaktionen, 1. maj 1976.

Majborn, B., Der har aldrig været nogen a-kraftværkkatastrofer.
Horsens Folkeblad, kontaktredaktionen, 24. maj 1976.

Aarkrog, A., 2000 a-kraftværker for at opvarme Østersøen. Horsens
Folkeblad, kontaktredaktionen, 12. maj 1976.

Dahlgaard, H., Caesium-optagelsesdynamik og kaliumkoncentration
i en euryhalin planktonisk mikroflagelat, *monochrysis*
lutheri droop (Chrysophyceae), i laboratoriekultur. Fore-
drag ved: Nordiskt Seminarium i Radioekologi, Norrköping,
29 november - 1 december 1976.

Gjørup, H. L., Differentielle cost-benefit betragtninger i forbin-
delse med globale kollektive dosisbelastninger fra frigi-
velse af langlivede radionukleider. Foredrag ved: Nordiskt
Seminarium i Radioekologi, Norrköping, 29/11-1/12 1976.

Hansen, H. J. M. og H. Karle, Triglyceridomsætning på humane
erythrocytter in vitro. Foredrag ved: Lipidforum. Seminarium
om Människans Triglyceridomsætning, Lund, 12-13 november
1976.

Hansen, H. J. M., En statistisk analyse af plutoniumbestemmelser i muslinger fra området omkring Thule på Grønland efter flyveulykken i 1968. Foredrag ved: Nordiskt Seminarium i Radioekologi, Norrköping, 29 november-1 december 1976.

Aarkrog, A., Undersøgelser af Strontium 90's effektive halveringstid i forbindelse med direkte kontamination. Foredrag ved: Nordiskt Seminarium i Radioekologi, Norrköping, 29 november-1 december 1976.

Bøtter-Jensen, L., H. J. M. Hansen, and P. Theodorsson, A Multi-counter System for Scanning Ultra-Low-Level Radiochromatograms. Nucl. Instrum. Methods 144 (1977) 529-532.

Gjørup, H. L., Krypton-85 and Atmospheric Conductivity. Science 196 (1977) 380-381.

Gjørup, H. L., Global Collective Dose Commitments from Release of Long-Lived Radionuclides. Nuclear Power and Its Fuel Cycle, Proceedings of an IAEA conf., Salzburg, 2-13 May 1977. (IAEA, Vienna, 1977) 303-316.

Gjørup, H.L., Radioaktivt affald for 200 mill. år siden. Politiken 12. december 1977.

Hansen, H., Barsebäck og den sunde fornuft. Land og Folk, 24-25 december 1977.

Hansen, H.J.M., H. Karle and S. Stender, The Effect in Vitro of Ionizing Irradiation and Small Rises in Temperature on the Uptake and Release of Labelled Lipids by the Human Erythrocyte Membrane. Biochim. Biophys. Acta 528 (1978) 230-238.

Aarkrog, A., Environmental Behaviour of Plutonium Accidentally Released at Thule, Greenland. Health Phys. 32 (1977) 271-284.

- Aarkrog, A., Comparative Studies of Plutonium Inventories in Soils and Marine Sediments. Proceedings of the 4th International Congress of the International Radiation Protection Association, Paris, 24-30 April 1977, vol. 3 pp. 841-848.
- Bojsen, J., U. Møller, P. Christensen, and J. Lippert, Storage Telemetry of Radionuclide Tracers by Implantable Thermoluminescence Dosimeters. Am. J. Physiol. 233 (1977) E479-E482.
- Bøtter-Jensen, L., Towards an Automated Reader for Thermoluminescence Dating. Proceedings of the Nordic Conference on Thermoluminescence Dating and other Archaeometric Methods, Uppsala, 25-26 November 1976. (Risø National Laboratory, Risø, 1977) 168-173.
- Christensen, P., The Role of the Intercomparison Programmes in the Dissemination of Units, Erste Informationstagung über das Europaeische Personendosimeter-Vergleichsprogramm (Photonen-Vergleiche 1973/75), Berlin 21-23 Juni 1976. (Kommission der Europaeischen Gemeinschaften, Luxembourg, 1977) 42-49.
- Lahlgård, H., Muslingeforsøg. Risø Nyt oktober 1977, 10-12.
- Majborn, B., L. Bøtter-Jensen, and P. Christensen, On the Relative Efficiency of TL Phosphors for High-Let Radiation. Proceedings of the 5th International Conference on Luminescence Dosimetry, Sao Paulo, 14-17 February 1977. Edited by A. Scharmann. (Physikalisches Institut Justus-Liebig-Universität, Giessen, 1977) 124-130.
- Solgaard, P., A. Aarkrog, J. Fenger, H. Flyger and A.M. Graabæk, Decrease in Content of Lead in Danish Cereals. Nature 272 (1978) 346-347.
- Bøtter-Jensen, L., A Simple, Hot N₂-Gas TL Reader Incorporating a Post-Irradiation Annealing Facility. Nucl. Instrum. Methods 153 (1978) 413-418.

Christensen, P., The Properties of $\text{Li}_2\text{B}_4\text{O}_7$. Technical Report Series No. 182, Intercomparison Procedures in the Dosimetry of Photon Radiation. (IAEA, Vienna 1978) 109-121.

Dahlggaard, H. og H. Hansen, Fiskedøden må have en årsag - men hvilken? Ingeniøren 4 nr. 33 (1978) 26-27.

Gjørup, H. L., Helbredsmæssige påvirkninger fra anvendelse af a-kraft, kul og olie. VVS 14 nr. 12 (1978) 41-47.

Gjørup, H. L., Global Collective Dose Commitments and Differential Cost-Benefit Considerations. IODINE-129, IODE-129. Proceedings of a NEA Specialist Meeting, Paris, 13-16 June 1977. (OECD and Nuclear Energy Agency, Paris, 1977) 79-83.

Løvborg, L., L. Bøtter-Jensen, and P. Kirkegaard, Experience with Concrete Calibration Sources for Radiometric Field Instruments. Geophysics 43 (1978) 543-549.

Aarkrog, A., Variation of Direct Plutonium Contamination in Danish Cereal Grains. Health Phys. 35 (1978) 489-491. Radioaktiv forurening. I: Risø årsberetning 1977-78 (1978) 14-16.

Gjørup, H. L., Beregninger over det størst tænkelige uheld. Foredrag i Biologisk Selskab, København, 29 november 1978. No manuscript.

Gjørup, H.L., Ulykkeligt, hvis ja eller nej til A-kraft dikteres af katastrofe-fantasier. Aktuelt 19. april 1978.

Hansen, H. J. M., Biologiske risici ved fredelig udnyttelse af nuklear energi. Foredrag i Biologisk Selskab, København, 29 november 1978. No manuscript.

Hansen, H., Grise og åreforkalkning. Risø Nyt august 1978, 19-22.

Hedemann, Jensen, P., Er Barsebäck farligt for København? Dansk Kerneteknisk Selskab, København, 5 oktober 1978. No manuscript but covered in Ingeniøren 27.10.78.

Løvborg, L., L. Bøtter-Jensen, E. Mose Christiansen, and B. Leth Nielsen, Gamma-Ray Measurements in an Area of High Natural Radioactivity. Paper presented at 3rd International Symposium on the Natural Radiation Environment, Houston, 23-28 April 1978.

Majborn, B., Kalibrering af et neutron rem-meter. Foredrag ved Nordisk Selskab for Strålingsbeskyttelses femte ordinære møde, Visby, 4-6 September 1978.

Majborn, B., Conversion Factors in Radiation Protection. Paper presented at 2nd Information Seminar on the European Radiation Protection Dosimeter Intercomparison Programme, Berkeley, 18-20 September 1978.

Majborn, B., Radioaktiv forurening fra atomkraftværker. I: Energi og miljø redigeret af Uffe Korsbech og C.U. Linderstrøm Lang (Teknisk Forlag 1978) pp 61-66.

Roed, J., Biologiske følger af lave forureningsniveauer. I: Energi og miljø redigeret af Uffe Korsbech og C.U. Linderstrøm-Lang (Teknisk Forlag 1978) pp 37-43.

Roed, J., Uheld ved energianlæg. I: Energi og miljø redigeret af Uffe Korsbech og C.U. Linderstrøm-Lang (Teknisk Forlag 1978) pp 67-73.

Aarkrog, A., Økologi og energiproduktion. I: Energi og miljø redigeret af Uffe Korsbech og C.U. Linderstrøm-Lang (Teknisk Forlag 1978) pp 31-36.

Walmod-Larsen, O., Vort Strålemiljø. Kursus i Omgivelseshygiejne (Ingeniørsammenslutningen 1978) 30 pp.

Bøtter-Jensen, L., J. Bundgaard, and V. Mejdahl, An Automated TL Dating System. Proceedings of the 18th International Symposium on Archaeometry and Archaeological Prospection, Bonn, 14-17 March 1978. (Rheinland-Verlag GmbH, Köln, 1979) (Archaeo Physika 10) 395-405.

Bøtter-Jensen, L. and J. Bundgaard, An Automated Reader for TL Dating. A specialist Seminar on Thermoluminescence Dating, Oxford, July 1978. (Council of Europe, Strassbourg, 1979) (PACT 2 1978) 48-56.

Hansen, H. J. M. and S. Abraham, The Influence of Environmental Salinity, Temperature, Ionizing Irradiation and Yellow or Silver Stage on Lipid Metabolism in the Gills of the European Eel. Comp. Biochem. Physiol. 63B (1979) 483-490.

Helsefysisk afdeling, Forsøgsanlæg Risø, Notat vedrørende forholdet mellem udendørs og indendørs eksponeringsintegraler for luftforurening af udendørs oprindelse. I: Notat om vurdering af nedsættelsesfaktorer for indåndingsdoser ved ophold inden døre (Miljøstyrelsen juni 1979), bilag 1.

Løvborg, L., L. Bøtter-Jensen, P. Kirkegaard, and E. M. Christiansen, Monitoring of Natural Soil Radioactivity with Portable Gamma-Ray Spectrometers. Nucl. Instrum. Methods 167 (1979) 341-348.

Majborn, B., Personnel Neutron Dosimetry at Risø National Laboratory. 7th DOE Workshop on Personnel Neutron Dosimetry, London, 23-24 October 1978. (US Department of Energy, Washington, 1979) (PNL-2807) 119-124.

Solgaard, P., A. Aarkrog, J. Fenger, H. Flyger, and A.M. Graabæk, Lead in Danish Food-Stuffs. Danish Med. Bull. 26 (1979) 179-182.

Dahlgaard, H., Blåmuslingers optagelse af ^{57}Co , ^{54}Mn , ^{65}Zn , ^{59}Fe , ^{51}Cr og ^{134}Cs i laboratoriet. Foreløbige resultater. Foredrag ved 2. Nord. Rad.-økol. sem., Helsingør, 8-10 maj 1979.

Gjørup, H. L., Utslip I: Fra det nukleære brenselkretsløb. Nordisk Seminar om Miljøpåvirkninger ved Elproduktion, Rørås, april 1979.

Gjørup, H. L., The Low Level Radiation Dispute. Meeting of the European Energy Association, Roskilde, 12-14 October 1979.

Hedemann Jensen, P., The Historical Background of Risø's Barsebäck-Risk Study. Meeting of the European Energy Association, Roskilde, 12-14 October 1979. No manuscript.

Lippert, J., Dataregistrering og databehandling af radioøkologiske måleresultater med programmet STATDATA på Risø's B6700 Regnemaskine. Symposium i Anvendt Statistik, NEUCC, København, januar 1979 og 2. Nordiske Radioøkologiseminar, Helsingør, 8-10 maj 1979.

Nielsen, S. P., Background Radiation in Denmark. Paper presented at 2 Nordiske Radioøkologiseminar, Helsingør, 8-10 maj 1979.

Aarkrog, A., Radiologisk sensitivitet og variabilitet. Foredrag ved 2. Nordiske Radioøkologiseminar, Helsingør, 8-10 maj 1979.

Aarkrog, A., H. Dahlgaard, M. Edgren, E. Holm, S. Mattsson, K. Nilsson og B. Persson, Optagelse af naturlig og artificiel aktivitet i blæretang ud for Barsebäck og Ringhals. Foredrag ved 2. Nordiske Radioøkologiseminar, Helsingør, 8-10 maj 1979.

Ål i miljø. I: Risø årsberetning 1978 (1979) 18-19.

Bøtter-Jensen, L. and V. Mejdahl, Determination of Archaeological Doses for TL Dating Using an Automated TL Apparatus. Nucl. Instrum. Methods 175 (1980) 213-215.

- Bøtter-Jensen, L., L. Løvborg, and B.L. Nielsen, Gamma Exposure from Natural Radioactivity in Greenland. Proceedings of the Seminar on the Radiological Burden of Man from Natural Radioactivity in the Countries of the European Communities, Le Vesinet, 4-6 December 1979. (Commission of the European Communities, Luxembourg, 1980) 111-124.
- Christensen, P. and B. Majborn, Boron Diffused Thermoluminescent Surface Layer in LiF TLD's for Skin Dose Assessments. Nucl. Instrum. Methods 175 (1980) 74-76.
- Christensen, P., Skin Dose Assessment in Routine Personnel Beta/Gamma Dosimetry. 5th International Congress of the International Radiation Protection Association, Jerusalem, 9-14 March 1980. Book of Papers. Vol. 2. (The Israel Health Physics Society, Jerusalem, 1980) 149-152.
- Dahlgaard, H., Evaluation of Bioindicators for Monitoring Radioactive Pollution of Estuarine and Marine Environment. 2^e Symposium International de Radioecologie, Cadarache, 19-22 Juin 1979. (Centre d'Etudes Nucleaires, Cadarache, 1980) 539-556.
- Gjørup, H.L., Flere års kortere levetid i København end på landet. Ingeniøren 6 nr. 18 (1980) 7.
- Hansen, H.J.M. and H. Karle, Evidence of a Specific Functional Role of Erythrocyte-Bound Triglycerides. IRCS Med. Sci. Biochem. 8 (1980) 482.
- Hansen, H.J.M., Changes in the Lipid Fraction of Eel (*Anguilla Anguilla*) Gills after Ionizing Irradiation and a Shift from Fresh to Sea Water. Radiation Effects on Aquatic Organisms. (University Park Press, Baltimore, 1980) 147-155.
- Majborn, B., The Present State of Nuclear Accident Dosimetry. Proceedings of the 5th Congress of the International Radiation Protection Association, Jerusalem, 9-14 March 1980. (Pergamon Press) 335-338.

Majborn, B., A Critical Review of Nuclear Accident Dosimeters.
(Commission of the European Communities, Luxembourg, 1980)
(EUR 6838 en) 60 pp.

Aarkrog, A., Plutonium Levels in the Marine Environment at Thule,
Greenland. Proceedings of the 3rd NEA Seminar on Marine
Radioecology, Tokyo, 1-5 October 1979. (OECD Nuclear Energy
Agency, Paris, 1980) 245-251.

Aarkrog, A., Radiocesium in Inner Danish Waters from Windscale.
Proceedings of the 3rd NEA Seminar on Marine Radioecology,
Tokyo, 1-5 October 1979. (OECD Nuclear Energy Agency, Paris,
1980) 387-390.

Aarkrog, A., Radioecological Sensitivity and Variability. 2^e
Symposium International de Radioecologie, Cadarache, 19-22
Juin 1979. (Centre d'Etudes Nucleaire, Cadarache, 1980)
165-172.

Bøtter-Jensen, L., Calibration of High Pressure Ionization
Chambers for Environmental Monitoring. Paper presented at
the Nordic Meeting on Natural Radiation in our Environment,
Geilo, 6-9 January 1980.

Christensen, P., Practical Beta Dosimetry in Radiation Protec-
tion. 3rd Information Seminar on the European Radiation
Protection Dosemeter Intercomparison Programme, Grenoble 6-8
October 1980.

Dahlgaard, H., Uptake of Cr-51, Co-57, Fe-59, Zn-65, and Cs-134
by Mutilus Edulis in the Laboratory with Special Emphasis on
Particulate Activity. (Preliminary). Seminar on Chemical
Structures, Associated Pollutants and Behaviour of Radionu-
clides, La Baule, 6-9 May 1980.

Dahlgaard, H., Barsebäckudslippets spredning i Øresund belyst ved
hjælp af blæretang. Dansk Havforskermøde, DTH, Lyngby, 14-15
november 1980. Abstract.

Hansen, H.J.M., En sammenligning af fedtdannelsen i lever, gæller og gonader hos ålen (*Anguilla anguilla*). Dansk Havforsker-møde, DTH, Lyngby, 14-15 november 1980. Abstract.

Hedemann Jensen, P., Model til beregning af afskærmningsfaktorer for gammastråling for danske huse. Foredrag ved SNODAS møde Helsingfors, 2-3 oktober 1980. No manuscript.

Nielsen, O.J., Litteraturstudium vedrørende depositionshastigheder. Foredrag ved SNODAS møde, Helsingfors, 2-3 oktober 1980.

Nielsen, O.J., Kombineret wash-out/run-off model. Foredrag ved NKA-møde, Risø, 17-18 december 1980.

Nielsen, S.P., Gammastråling fra jord målt i felten og i laboratoriet. Foredrag ved Nordic Meeting on Natural Radiation in our Environment, Geilo, 6-9 January 1980. No manuscript.

Nielsen, S.P., Terrestrial and cosmic radiation in Denmark. Proc. of Seminar on the radiological burden of man from natural radioactivity in the countries of the European Communities, Paris 4-6 December 1979 (CEC Luxembourg 1980) 101-110.

Aarkrog, A., Status for Thuleundersøgelserne. Risø Nyt juni 1980, 16-20.

Bøtter-Jensen, L. og S. Nielsen, Interkalibreringsmøde. Risø Nyt oktober 1980, 19-24.

Roed, J., De samfundsøkonomiske aspekter af at erstatte kulfyrede kraftværker med kernekraftværker i den fremtidige udbygning af elforsyningen. Foredrag ved Københavns Universitets økonomiske institut 26 februar 1981.

Aarkrog, A., Radiocesium i danske farvande fra reprocessinganlægget Windscale i England. Foredrag ved Dansk Havforsker-møde, DTH, Lyngby, 14-15 november 1980. Abstract.

Virkning af en radioaktiv sky. I: Risø årsberetning 1979 (1980) 6-9.

Brøns, P. og H. Hansen, Atomkraft - et forsvar (Berlingske Forlag, København, 1980) 93 pp.

Bøtter-Jensen, L. and H. Dahlggaard, A Sensitive Turbidity Controller for Phytoplankton Suspensions Applied to Bioaccumulation Studies of Mussels. Ocean Sci. Eng. 6 (1981) 59-69.

Dahlggaard, H., Loss of ^{51}Cr , ^{54}Mn , ^{57}Co , ^{59}Fe , ^{65}Zn and ^{134}Cs by the Mussel *Mytilus edulis*. Proceedings of International Symposium on the Impacts of Radionuclide Releases into the Marine Environment. Vienna, 6-10 October 1980. (IAEA Vienna, 1981) 361-370.

Dahlggaard, H., M. Edgren, E. Holm, S. Mattsson, M. Nilsson and M. Notter, Radionuclides in Fucus from Inter-Scandinavian Waters. Proceedings of International Symposium on the Impacts of Radionuclide Releases into the Marine Environment, Vienna, 6-10 October 1980. (IAEA, Vienna) 501-513.

Gjørup, H.L. og H. Hansen, Folk er mest bange for det, de gøres opmærksom på. Forskn. Samfund 7 nr. 2 (1981) 3-6.

Bøtter-Jensen, L., The Aim of Environmental Monitoring of the Background Radiation and General Aspects of Test and Intercomparison Programmes. Paper presented at Seminar on European Intercomparison Programme of Integrating Dosimeter Systems for Environmental Monitoring, Luxembourg, 27-28 January 1981.

Bøtter-Jensen, L. og P. Theodorsson, Multitæller-systemer til måling af svage alfa- og beta-prøver. Foredrag ved Nordisk Selskab for Strålebeskyttelse, 6. ordinære møde, Reykjavik, 18-20 juni 1981.

Bøtter-Jensen, L. og S.P. Nielsen, Nordisk interkalibrering af instrumenter til måling af baggrundsstrålingen. Foredrag

ved Nordisk Selskab for Strålebeskyttelse, 6. ordinære møde, Reykjavik, 18-20 juni 1981. No manuscript.

Christensen, P., Development of Thermoluminescence Dosimeters for Beta-Ray Dosimetry. Paper presented at Beta-Ray Workshop, Environmental Measurements Laboratory, New York, 8-9 December 1981. No manuscript.

Dahlggaard, H., A. Aarkrog, and K. Nilsson, Comparative Studies of Plutonium in Seawater, Sediments, Fucus and Mussels Related to Varying Salinity. Paper presented at Joint Nordic (NKA)/EEC Workshop on Transport between and Turnover of Radionuclides in the North Sea and the Baltic Sea Area, Hamburg, 5-6 March 1981.

Dahlggaard, H., Om blæretang (fucus) som bioindikator for radioaktiv forurening. Foredrag ved Nordisk Selskab for Strålebeskyttelse, 6. ordinære møde, Reykjavik, 18-20 juni 1981. Abstract.

Gjørup, H.L., Doser fra landforurening i København efter et BWR-2 udslip i Barsebäck. Foredrag ved seminar om konsekvenser ved store reaktorulykker, Stockholm, 11 marts 1981.

Hansen, H.J.M., Vekselvirkning mellem påvirkninger fra ioniserende stråling og andre miljøfaktorer under opbygning af ålens gællemembran. Foredrag ved Nordisk Selskab for Strålebeskyttelse, 6. ordinære møde, Reykjavik, 18-20 juni 1981.

Hansen, H.J.M., The Influence of Temperature and Environmental Salinity on the Pattern of Fatty Acid Synthesis in the Gills of the European Eel. Paper presented at 23rd International Conference on the Biochemistry of Lipids, Nyborg, 28 September - 1 October 1981. Abstract.

Hedemann Jensen, P., Shielding Factors for Gamma Radiation from Deposited Activity on Structures and Ground Surfaces. Paper presented at Nordisk Selskab for Strålebeskyttelse, 6. ordinære møde, Reykjavik, 18-20 June 1981.

Lauridsen, B., Eksponeringshastighedskonstanter og dosisækvi-
valenthastighedskonstanter. Foredrag ved Nordisk Selskab for
Strålebeskyttelse, 6. ordinære møde, Reykjavik, 18-20 juni
1981. Abstract.

Lauridsen, B. and P. Hedemann Jensen. Shielding Factors for
Vehicles to Gamma Radiation from Deposited Activity on
Ground Surfaces. Paper presented at Nordisk Selskab for
Strålebeskyttelse, 6. ordinære møde, Reykjavik, 18-20 June
1981. Abstract.

Majborn, B., Hvad er stråling - strålingens fysiske grundlag og
de naturlige strålingskilder. Foredrag ved Folkeuniversi-
tetet, København, 17 september 1981. No manuscript.

Nielsen, F., Det nye Barsebäckberedskab gældende fra 1. oktober
1981. Foredrag ved Civilforsvaret, Frederiksværk, 23 april
1981 og Flyvevåbnets Redningscentral, Værløse, 27 oktober
1981. No manuscript.

Roed, J., Dosisreduktion ved pløjning. Foredrag ved Seminar om
långsiktiga konsekvenser av radioaktiv belægning i jord-
bruksområden, Uppsala, 11 juni 1981. No manuscript.

Roed, J., Husets filtrerende virkning. Foredrag ved Nordisk
Selskab for Strålebeskyttelse, 6. ordinære møde, Reykjavik,
18-20 juni 1981.

Walmod Larsen, O., Om beredskabsplanlægning i Danmark. Foredrag
ved Nordisk Selskab for Strålebeskyttelse, 6. ordinære møde,
Reykjavik, 18-20 juni 1981.

Aarkrog, A., Studies of Radiocesium from Windscale in Danish
Water. Joint Nordic (NKA)/EEC Work-Shop on Transport between
und Turnover of Radionuclides in the North Sea and the
Baltic Sea Area, Hamburg, 5-6 March 1981. No manuscript.

Aarkrog, A., E. Holm, K. Nilsson, H. Dahlgaard, and H. Hansen, Radioecological Investigations of an Environmental Contamination with Transuranic Elements. Paper presented at Nordisk Selskab for Strålebeskyttelse, 6. ordinære møde, Reykjavik, 18-20 Juni 1981.

Bøtter-Jensen, L., Calibration and Standardization of Instruments for Background Radiation Monitoring. 3rd International Symposium on Radiological Protection. Inverness, 6-11 June 1982. Proceedings, Vol. 2. (Society for Radiological Protection, Reading, 1982) 685-690.

Bøtter-Jensen, L. Kalibreringsprocedurer for instrumenter til gammabaggrundsmålinger. Foredrag ved 3. nordiske radioøkologiseminar, Hyvinkää, Finland, 11-13 maj 1982.

Christensen, P., L. Bøtter-Jensen, and B. Majborn, Thermoluminescence Dosimetry Applied to Radiation Protection. Int. J. Appl. Radiat. Isot. 33 (1982) 1035-1050.

Christensen, P. and B. Majborn, Dosimetry of Non-Penetrating Radiations with Boron Diffused Thermoluminescent Surface Layer in LiF TLDs. 3rd International Symposium on Radiological Protection. Inverness, 6-11 June 1982. Proceedings Vol.2. (Society for Radiological Protection, Reading, 1982) 643-648.

Dahlgaard, H., Blåmuslinger som bioindikator. Foredrag ved II danske havforskermøde, Århus 21-22 januar 1982. Abstract.

Dahlgaard, H., Transferfaktorer i akvatisk radioøkologi. Foredrag ved 3. nordiske radioøkologiseminar, Hyvinkää, Finland, 11-13 maj 1982.

Hallstadius, L., E. Holm, B. Persson, A. Aarkrog, and K. Nilsson, ¹³⁷Cs in the Svalbard Area. 3rd International Symposium on Radiological Protection. Inverness, 6-11 June 1982. Proceedings Vol.2. (Society for Radiological Protection, Reading, 1982) 500-505.

Hansen, H.J.M., Optagelse af ^{155}Eu i "glasål". Foredrag ved 3. nordiske radioøkologiseminar, Hyvinkää, Finland, 11-13 maj 1982.

Hansen, H.J.M., Barsebäck-rapporten, det umulige gjort nærværende. Synspunkt i Weekendavisen 5.3.1982.

Hedemann Jensen, P., Beregnede skærmfaktorer og strålingsdoser fra deponeret aktivitet for udvalgte studiebygninger i Danmarks Radios afdelinger i Rosenørns Allé og Gladsaxe. (Forsøgsanlæg Risø, 1982) 7pp.

Lauridsen, B. and P. Hedemann Jensen, Shielding factors for vehicles to gamma radiation from activity deposited on ground surfaces. Radiological impact of nuclear power plants and other nuclear installations on man and his environment, proceedings of a congress in Lausanne 30 september - 2 october 1981, 443-454.

Nielsen, S.P., Quantitative Evaluation of γ -Spectrum Analysis Methods using IAEA Test Spectra. Nucl. Instrum. Methods 192 (1982) 433-438.

Gjørup, H.L. og B. Micheelsen, Nye vurderinger af konsekvenserne af den store reaktorulykke. Risø Nyt september 1982 p. 2.

Walmod-Larsen, O., Den reelle risiko ved Barsebäck er et internt dansk problem. Synspunkt, Aktuelt 21.4.1982.

Walmod-Larsen, O., Atomskibs-rapport er ikke realistisk. Aktuelt 8.12.1982.

Aarkrog, A., Resultater af NKA-samarbejdet om bioindikatorer og interkalibrering. Foredrag ved 3. nordiske radioøkologiseminar, Hyvinkää, Finland 11-13 maj 1982.

Aarkrog, A., H. Dahlgaard and K. Nilsson, Studies on the Distribution of Transuranics in the Baltic Sea, the Danish Belts, the Kattegat and the North Sea. Transuranic Cycling Behaviour in the Marine Environment (IAEA TECDOC 265) 23-32.

Boelskifte, S., Doses to Man from Marine Products. Seminar on the Transfer of Radioactive Materials in the Terrestrial Environment Subsequent to an Accidental Release to Atmosphere, Dublin, 11-15 April 1983. Proceedings. Vol. 2. (Commission of the European Communities, Luxembourg, 1983) 673-683.

Brøns, P. og H. Hansen, Om risikoen ved at bo i København. Dansk Ind. nr. 4 (1983) 22-25.

Bøtter-Jensen, L., J. Bundgaard, and V. Mejdahl, An HP-85 Microcomputer-Controlled Automated Reader System for TL Dating. Third Specialist Seminar on TL Dating, Helsingør, 26-31 July 1982. Edited by T. Hackens, Part 2. (Council of Europe, Strassbourg,, 1983) (PACT Vol. 9 Part 2) 343-349.

Gjørup, H.L., B. Micheelsen, and S. Thykier-Nielsen, Consequences of Large Reactor Accidents Calculated on the Basis of Empirical Data. Nuclear Power Experience. Vienna, 13-17 September 1982. Proceedings, Vol. 4. (IAEA, Vienna, 1983) 119-130.

Gjørup, H.L., Towards Realistic Evaluation of Environmental Consequences of Severe Accidents in LWRs. Workshop on Fission Product Behaviour during a Hypothetical Severe Accident in LWRs. Rome, 20-21 September 1982 (ENEA, Rome, 1982) 187-197.

Gjørup, H.L., Stråling. Kilder og virkninger. (Helsefysisk afdeling, Forsøgsanlæg Risø, 1983) 19 pp.

Gjørup, H.L., Udslip af radioaktive stoffer ved hypotetiske reaktoruheld bedømt på grundlag af praktiske erfaringer. Foredrag for Barsebäck komiteen i Stockholm den 9/9 1983. (Helsefysisk afdeling, Forsøgsanlæg Risø, 1983) 23 pp.

- Hansen, H.J.M. and S. Abraham, Influence of Temperature, Environmental Salinity and Fasting on the Patterns of Fatty Acid Synthesized by Gills and Liver of the European Eel (*Anguilla Anguilla*). *Comp. Biochem. Physiol.* 75 B (1983) 581-587.
- Hansen, H.J.M. and H.L. Gjørup, Societal Risk is not just the Sum of Individually Perceived Risks. Comparison of risks resulting from major human activities, Proceedings of the Xth regional congress of IRPA Avignon 18-22 October 1982. Société Française de Radioprotection, Fontenay-aux-Roses 1983) 465-473.
- Hedemann Jensen, P. and F. Heikel Vinther, Calculation of doses from land contamination with longlived radionuclides. Comparison of risks resulting from major human activities, Proceedings of the Xth regional congress of IRPA Avignon 18-22 October 1982. (Société Française de Radioprotection, Fontenay-aux-Roses, 1983) 579-585.
- Holm, E., B.R.R. Persson, L. Hallstadius, A. Aarkrog, and H. Dahlgaard, Radiocesium and Transuranium elements in the Greenland and Barents Seas. *Oceanol. Acta* 6 (1983) 457-462.
- Lauridsen, B. and P. Hedemann Jensen, Shielding Factors for Vehicles to γ -Radiation from Activity Deposited on Structures and Ground Surfaces. *Health Phys.* 45 (1983) 1039-1045.
- Lippert, J., Detector-Efficiency Calculation Based on Point-Source Measurement. *Int. J. Appl. Radiat. Isot.* 34 (1983) 1097-1103.
- Løvborg, L. and S.P. Nielsen, Calibration Guidance provided by the absolute intensities of uranium and thorium gamma rays. Paper presented at the IAEA consultants' meeting on nuclear data for bore-hole and bulk-media assay using nuclear techniques. Krakow 14-18 november 1983. 5 pp.

Roed, J., Deposition velocities of caesium-137 on vertical building surfaces. Atmospheric Environment 17 (1983) no. 3 pp. 563-664.

Walmod-Larsen, O., Den sovjetiske satellit Cosmos 1402 forsvandt over Sydatlanten. Risø Nyt marts 1983 p. 4.

Dahlgaard, H., Menneskeskabte radionuklider kan spores over store afstande. Risø Nyt marts 1983, p. 3.

Bøtter-Jensen, L., Risø leverer dosimetriudstyr og multitællere til udenlandske laboratorier. Risø Nyt december 1983, p. 2.

Aarkrog, A., H. Dahlgaard, L. Hallstadius, H. Hansen, and E. Holm, Radiocaesium from Sellafield Effluents in Greenland Water. Nature 304 (1983) 49-51.

Aarkrog, A., Translocation of Radionuclides in Cereal Crops. Ecological Aspects of Radionuclide Release. Edited by P.J. Coughtrey, J.N. Bell, and T.M. Roberts. (Blackwell, Oxford, 1983) (Special Publication Series No. 3) 81-90.

Aarkrog, A., Dosis fra levnedsmidler. Seminar om långsiktiga konsekvenser av radioaktiv beläggning i jordbruket, Uppsala 11 juni 1981. Redigeret av Å. Eriksson. (Sveriges Lantbruksuniversitet, Uppsala, 1983) SLU-REK-55) V:1,1 - V:1,9.

Aarkrog, A., Om radioaktive langhaler m.m. Samvirke marts 1983 side 41.

Sporing af havforurening. I: Risø årsberetning 1982 (1983) 16-17.

Abraham, S.A., H.J.M. Hansen, and F.N. Hansen, The Effect of Prolonged Fasting on Total Lipid Synthesis and Enzyme Activities in the Liver of the European Eel. Comp. Biochem. Physiol. B.79 (1984) 285-289.

Boelskifte, S., Distribution of ^{60}Co on the Danish Straits as Indicated by the Brown Alga *Fucus Vesiculosus*. Paper presented at Nordisk Selskab for Strålebeskyttelse, 7. ordinære møde, København, 10-12 oktober 1984. (Statens Institut for Strålehygiejne, Brønshøj, 1984). Abstract.

Bøtter-Jensen, L. and V. Mejdahl, Microcomputer-Controlled Reader Systems for Archaeological and Geological TL Dating. Radiat. Prot. Dosim. 6 (1984) 193-196.

Christensen, P., Study of Graphite-Mixed and Boron-Diffused TLDs for Skin Dose Assessment. Proceedings of International Beta Dosimetry Symposium. Washington D.C., 15-18 February 1983. (Office of Nuclear Regulatory Commission, Washington D.C., 1984) (NUREG/CP-0050) 341-350.

Christensen, P., Calibration of Gammacell for Blood Irradiation. Report on the Nordic-Soviet Meeting on Standard and Applied Dosimetry, Helsinki, 9-11 November 1983. (Finnish Centre for Radiation and Nuclear Safety, Helsinki, 1984) (STUK- A50) 21.

Dahlgaard, H., Transuranics, Rare Earths and Cobalt, Zinc, and Caesium in *Fucus Vesiculosus* (Seaweed): Laboratory Exercises and Field Realities. International Symposium on the Behaviour of Long-Lived Radionuclides in the Marine Environment, La Spezia, 28-30 September 1983. Edited by A. Cigna and C. Myttenaere. (Commission of the European Communities, Luxembourg, 1984) (EUR 9214) 347-355.

Gjørup, H.L. og H.J.M. Hansen. Levetidstab fra lungecancer i Danmark og Sverige. Foredrag ved Nordisk Selskab for Strålebeskyttelse, 7. ordinære møde, København, 10-12 oktober 1984. (Statens Institut for Strålehygiejne, Brønshøj, 1984).

Majborn, B., Studies of the Dosimetric Properties of Watch Jewels. 7th Int. Conf. on Solid State Dosimetry, Ottawa 27-30 Sept. 1983. Radiat. Prot. Dosim. 6 (1984) 129-132.

- Majborn, B., Estimation of Accidental Gamma Dose by Means of Thermoluminescence from Jewels. Health Phys. 46 (1984) 917-919.
- Mikkelsen, T., S.E. Larsen, and S. Thykier-Nielsen, Description of the Risø Puff Diffusion Model. Nucl. Technol. 67 (1984) 56-65.
- Nyrén, K., T. Mikkelsen, S.-E. Gryning, and S. Thykier-Nielsen, Simulation of a Recent Mesoscale Dispersion Experiment over a Land-Water-Land Area. 4th Joint Conference on Applications of Air Pollution Meteorology, Portland, 16-19 October 1984. Edited by G.A. Beals and N.E. Bowne. (American Meteorological Society, Boston, 1984) 251-254.
- Prokic, M. and P. Christensen, Graphite Mixed Magnesium Borate TL Dosimeters for Beta Ray Dosimetry. Radiat. Prot. Dosim. 6 (1984) 133-136.
- Roed, J. and H.L. Gjørup, Dry Deposition in Urban Areas. Paper presented at Nordisk Selskab for Strålebeskyttelse, 7. ordinære møde, København, 10-12 oktober 1984. (Statens Institut for Strålehygiejne, Brønshøj, 1984) 12 pp.
- Roed, J. og L. Hannibal, En undersøgelse af forholdet mellem indendørs og udendørs inhalationsdosis. Foredrag ved Nordisk Selskab for Strålebeskyttelse, 7. ordinære møde, København, 10-12 oktober 1984. (Statens Institut for Strålehygiejne, Brønshøj, 1984) 31 pp.
- Roed, J., Deposition i byområder. Risø Nyt marts 1984 p.5.
- Nielsen, S.P., S.E. Gryning, O. Karlberg, E. Lyck and S. Thykier-Nielsen, Double tracer experiments to investigate models for the calculation of gamma doses from a radioactive cloud. In Radiation - Risk - Protection, 6th Intern. IRPA Congress, Berlin 7-12 May, 1984, Compacts vol. I, 161-164.

- Nielsen, S.P., Verification of gamma-spectrum analysis methods. Paper presented at Miniseminar on the aspects in gamma-spectrometer measurements of environmental samples, Helsinki 16-17 February, 1984 and at the meeting in the International Committee for Radionuclear Meteorology, Grenoble 3-7 June 1985. 9 pp.
- Warming, L., Weathering of Fission Products Deposited on Asphalt. Radiation - Risk - Protection. 6th International IRPA Congress, Berlin, 7-12 May 1984. Compacts. Vol. 1 (Fachverband für Strahlenschutz, Jülich, 1984) 169-171.
- Aarkrog, A., H. Dahlgaard, K. Nilsson, and E. Holm, Further Studies of Plutonium and Americium at Thule, Greenland. Health Phys. 46 (1984) 29-44.
- Aarkrog, A., H. Dahlgaard, E. Holm, and L. Hallstadius, Evidence for Bismuth-207 in Global Fallout. J. Environ. Radioactivity 1 (1984) 107-117.
- Aarkrog, A., Risk Assessment of Long-Lived Radionuclides in the Marine Environment. International Symposium on the Behaviour of Long-Lived Radionuclides in the Marine Environment, La Spezia, 28-30 September 1983. Edited by A. Cigna and C. Myttenaere. (Commission of the European Communities, Luxembourg, 1984) (EUR 9214) 419-440.
- Aarkrog, A., Radioactivity in the Canadian Aquatic Environment. Book review. J. Environ. Radioactivity 1 (1984) 79-81.
- Boelskifte, S., The Application of Fucus Vesiculosus as a Bioindicator of ^{60}Co Concentrations in the Danish Straits. J. Environ. Radioactivity 2 (1985) 215-227.
- Boelskifte Pedersen, S., Distribution of ^{60}Co in the Danish Straits as Indicated by the Brown Alga Fucus Vesiculosus. Seminar on the Behaviour of Radionuclides in Estuaries, Renesse, 17-21 September 1984. (Commission of the European Communities, Luxembourg, 1985) 217-227.

Boelskifte, S. and H. Dahlgaard, Concentration Factor of ^{60}Co for Fucus Vesiculosus Estimated by Integrated Water Sampling. Paper presented at 4. Nordiske Radioøkologiseminar, Gol, 27 februar - 1 marts 1985. (1985) 10 pp.

Bøtter-Jensen, L. and V. Mejdahl, Determination of Potassium in Feldspars by Beta Counting Using a GM Multicounter System. Nucl. Tracks 10 (1985) 663-666.

Bøtter-Jensen, L., R. Hedvall, E. Holm og U. Nilsson, Åben multi-GM tæller for måling af lavenergetiske betaprøver. Foredrag ved Det fjerde Nordiske Radioøkologiseminar, Gol, 27 februar - 1 marts 1985. (1985) 5 pp.

Bøtter-Jensen, L. Environmental Dosimetry Practice at Risø National Laboratory. Zbornik Radova. 13th Yugoslav Symposium on Radiation Protection, Pula, 10-13 June 1985. Vol.2. (Institut za Medicinska Istrazivanja, Zagreb, 1985) 352-356.

Christensen, P., Personal Beta/Gamma Dosimetry at Risø National Laboratory. Zbornik Radova. 13. Yugoslav Symposium on Radiation Protection, Pula, 10-13 June 1985. Vol.2. Institut za Medicinska Istrazivanja, Zagreb, 1985 348-351.

Christensen, P., Designkrav til persondosimetre til måling af beta doser. Foredrag ved Nordisk Selskab for Strålebeskyttelses temamøde på Øland 20-23 oktober 1985. Abstract.

Dahlgaard, H. and S. Boelskifte, "SENSI": A Model Describing the Accumulation and Time-Integration of Radioactive Discharges in Bioindicators (Fucus and Mytilus) Including Seasonal Variation. Paper presented at 4. Nordiske Radioøkologiseminar 27 februar - 1 marts 1985. (1985) 18 pp.

Gjørup, H.L. og H.J.M. Hansen, Levetidstab fra lungecancer i Danmark og Sverige. Nord. Med. 100 (1985) 100-103.

Gjørup, H.L., Experimental Investigations of Measurement Techniques for the Determination of Indoor Radiation Exposure.

Programme Radiation Protection 1980-1984. Vol.2. (Commission of the European Communities, Luxembourg, 1985) (EUR 9733) 1951-1954.

Gjørup, H.L., Methodological Aspects for Predicting the Radiological Consequences of Accidental Contamination in Urban Environments, with Particular Emphasis on Deposition, Shielding Factors, Weathering and Forced Decontamination of Deposited Radioactivity. Programme Radiation Protection 1980-1984. Vol. 2. (Commission of the European Communities, Luxembourg, 1985) (EUR 9733) 2151-2157.

Hansen, H., Ingen risiko uden sandsynlighed. Ingeniøren 11 nr. 36 sekt. 1 (1985) 22.

Hansen, H. Debatindlæg. I: Dansk Forskning. Teoretisk/Praktisk /Politisk. Redigeret af P. Olesen Larsen et al. (Rolighed, Skodsborg, 1985) (Roligheds hæfte nr. 1) 86-89.

Hansen, H.J.M., Problemer ved måling af tritium i vandige prøver. Foredrag ved 4. Nordiske Radioøkologiseminar, Gol, 27 februar - 1 marts 1985. (1985) 7 pp.

Hansen, H.J.M., Changes in Lipid Metabolism in Various Salt Transporting Organs of the European Eel after Transfer from Fresh to Sea Water. 13th International Congress of Biochemistry, Amsterdam 25-30 August 1985. Abstracts (Elsevier, Amsterdam 1985) 565.

Hedemann Jensen, P., Shielding Factors for Gamma Radiation from Activity Deposited on Structures and Ground Surfaces. Nucl. Technol. 68 (1985) 29-39.

Rapport om nedsættelsesfaktorer for doser ved ophold inden døre. Udarbejdet af en arbejdsgruppe nedsat af Miljøstyrelsen med bidrag fra H.L. Gjørup og J. Roed. (Miljøstyrelsen, København, 1984) 32 pp.

Roed, J., Run-Off from Roofing Material. Paper presented at 4. Nordiske Radioøkologiseminar, Gol, 27 februar-1 marts 1985. (1985) 17 pp.

Nielsen, S.P., Detektionsgrænser og isotopidentifikation. Foredrag ved 4. nordiske radioøkologiseminar, Gol 27 februar-1 marts 1985. 12 pp.

Nielsen, S.P., Målinger på Roskilde Fjord - af istykkelse og stråling. Risø Nyt marts 1985, p. 5.

Sørensen, A., Naturlig stråling i danske boliger. Risø Nyt marts 1985, p. 3.

Sørensen, A., Radon-grænse overskredet i parcelhuse. Ingeniøren 11 nr. 14 sekt. 1 (1985) 8-9.

Sørensen, A., L. Bøtter-Jensen, B. Majborn, and S.P. Nielsen, A Pilot Study of Natural Radiation in Danish Houses. Sci. Total Environ. 45 (1985) 351-356.

Aarkrog, A., Radioecological Studies in Temperate and Arctic Water of the North Atlantic Region with Emphasis on Transuranic Elements. Programme Radiation Protection 1980-1984. Vol. 1. (Commission of the European Communities, Luxembourg, 1985) (EUR 9733) 327-343.

Bøtter-Jensen, L., Risø's GM Multicounter Systems for Counting Low-Level Beta. Nucl. Europe 6 No. 12 (1986) 40.

Bøtter-Jensen, L. Gas Flow Multicounters for Low-Level and Low-Energetic Beta Counting Applications. Low Level Environmental Radionuclide Metrology. Symposium, Grenoble, 3-7 June 1985. Edited by H.L. Volchok et al. (Department of Energy, New York, 1986) (EML-452) 15-19.

Christensen, P. and M. Prokic, Energy and Angular Response of TL Dosimeters for Beta Ray Dosimetry. Radiat. Prot. Dosim. 17 (1986) 83-87.

Christensen, P., Review of Personal Monitoring Techniques for the Measurement of Absorbed Dose from External Beta and Low Energy Photon Radiation. Radiat. Protect. Dosim. 14 (1986) 127-135.

Dahlgaard, H., Effects of Season and Temperature on Long-Term In Situ Loss Rates of Pu, Am, Np, Eu, Ce, Ag, Tc, Zn, Co and Mn in a Baltic Mytilus Edulis Population. Marin. Ecol. Prog. Ser. 33 (1986) 157-165.

Dahlgaard, H.A., Aarkrog, L., Hallstadius, E. Holm, and J. Rioseco, Radiocaesium Transport from the Irish Sea via the North Sea and the Norwegian Coastal Current to East Greenland. Rapp. P.-v.Réun. Cons. Int. Explor. Mer. 186 (1986) 70-79.

Fødevarer og radioaktivitet. Pjece udarbejdet af levnedsmiddelstyrelsen, miljøstyrelsen, Risø, veterinærdirektoratet og sundhedsstyrelsen ved statens institut for strålehygiejne i samarbejde med Statens Informationstjeneste (Juli 1986).

Gjørup, H.L., The "Intrinsic" Uncertainty of Low-Probability Events. Health Physics Society Newsletter 14 No. 5 (1986) 5-6.

Gjørup, H.L., P. Hedemann Jensen, B. Lauridsen, J. Roed, and L. Warming, Deposition, Retention, and Decontamination of Radioactive Material on Urban Surfaces - The Danish Program. Workshop on Methods for Assessing the Off-Site Radiological Consequences of Nuclear Accidents, Luxembourg, 15-19 April 1985. Edited by E. Luykx and J. Sinnaeve. (Commission of the European Communities, Luxembourg, 1986) (EUR 10397) 463-491.

Grimås, U., H. Dahlgaard, and A. Aarkrog, Behaviour of Marine Pollutants Studied by Radioecological Methods. National Swedish Environmental Protection Board Report 3093 (1986) 45 pp.

- Hallstadius, L., A. Aarkrog, H. Dahlgaard, E. Holm, S. Boel-skifte, S. Duniec, and B. Person, Plutonium and Americium in Arctic Waters, the North Sea and Scottish and Irish Coastal Zones. J. Environ. Radioact. 4 (1986) 11-30.
- Hansen, H.J.M. and A.T.A. Fattah, Long-Term Tagging of Elvers, Anguilla Anguilla, with Radioactive Europium. J. Fish. Biol. 29 (1986) 535-540.
- Hansen, H.J.M., Politik for sig og videnskab for sig. Foredrag ved Nordisk Selskab for Strålebeskyttelses temamøde om cost-benefit spørgsmål, Helsingfors 12-14 februar 1986.
- Hedemann Jensen, P., and B. Lauridsen, A Practical Example of Problems in the Optimization of Nuclear Safety Systems: Retention of Radioactive Airborne Effluents. Optimization of Radiation Protection. Proceedings of an International Symposium, Vienna, 10-14 March 1986. (IAEA, 1986) 355-366.
- Hedemann Jensen, P., Kan små stråledoser være gavnlige? Foredrag i Dansk Kerneteknisk Selskab 10.4.1986.
- Lippert, J., O. Walmod-Larsen, and J. Jensen, ARGOS: An Emergency Preparedness Computer System for Datacommunication, Presentation and Dose Calculations in Nuclear Emergencies. Emergency Planning and Preparedness for Nuclear Facilities. Rome, 4-8 November 1985. Proceedings (IAEA, Vienna, 1986) 281-291.
- Lippert, J., Computer System for Data-communication, Presentation and Dose Calculation. Proceedings of Workshop on Real-time Computing of the Environmental Consequences of an Accidental Release to Atmosphere from a Nuclear Installation, Luxembourg 17-19 September 1985 CEC DOC Nr. V 2943/86 (1986) pp 544-559.
- Majborn, B., Measurements of Radon in Dwellings with CR-39 Track Detectors. Nucl. Tracks 12 (1986) 763-766.

Majborn, B., Automated Counting and Analysis of Etched Tracks in CR-39 Plastic. Radiat. Prot. Dosim. 17 (1986) 153-155.

Nielsen, S.P., S.E. Gryning, O. Karlberg, E. Lyck, and S. Thykier-Nielsen, A Field Experiment to Validate Atmospheric Dispersion and Dose Models. Proceedings of Workshop on Real-time Computing of the Environmental Consequences of an Accidental Release to Atmosphere from a Nuclear Installation, Luxembourg 17-19 September 1985 CEC DOC Nr. V 2943/86 (1986) pp 459-478.

Radioøkologi og miljøforskning, Risø årsberetning 1986 (1986) pp 16-17.

Roed, J., Reduction in Inhalation Dose by Staying Indoors. Workshop on Methods for Assessing the Off-Site Radiological Consequences of Nuclear Accidents, Luxembourg, 15-19 April 1985. Edited by F. Luykx and J. Sinnaeve. (Commission of the European Communities, Luxembourg, 1986) (EUR 10397) 559-600.

Thykier-Nielsen, S., S.E. Gryning, and N.G. Mortensen, Puff Diffusion Model Simulation of two Tracer Releases from the Øresund-experiment. Proceedings of Workshop on Real-time Computing of the Environmental Consequences of an Accidental Release to Atmosphere from a Nuclear Installation, Luxembourg 17-19 September 1985 CEC DOC Nr. V 2943/86 (1986) pp. 479-499.

Thykier-Nielsen, S.E. Larsen, T. Mikkelsen, J. Ehrhardt and H.J. Panitz, Consequences of a Nuclear Accidental Release Modelled by a Puff-model out to 200 km from the Source. Proceedings of Workshop on Real-time Computing of the Environmental Consequences of an Accidental Release to Atmosphere from a Nuclear Installation, Luxembourg 17-19 September 1985 CEC DOC Nr. V 2943/86 (1986) pp 170-192.

Tveten, U., L. Devell, S. Thykier-Nielsen, and I. Savolainen, Nordic Developments in the Area of Consequence Assessment.

Workshop on Methods for Assessing the Off-Site Radiological Consequences of Nuclear Accidents, Luxembourg, 15-19 April 1985. Edited by F. Luykx and J. Sinnaeve. (CEC, Luxembourg, 1986) (EUR 10397) 81-101.

Aarkrog, A., Dahlgaard, H., Hansen, H., Holm, E., Hallstadius, L., Rioseco, J. and Christensen, G., Radioactive Tracer Studies in the Surface Waters of the Northern North Atlantic Including the Greenland, Norwegian and Barents Seas. *Rit Fiskideilar* 9 (1985) 37-42.

Aarkrog, A., Dahlgaard, H., and Boelskifte, S., Transfer of Radiocesium and ^{90}Sr from Sellafield Materials in the Baltic Sea, IAEA-TECDOC-362 (IAEA 1986) pp 32-52.

Aarkrog, A. and Dahlgaard, H., Intercomparison Studies of Transuranics in Deep Sea Sediments from the NEA Dumpsite. I: Behaviour of Long-lived Radionuclides Associated with Deep-sea Disposal of Radioactive Wastes, IAEA-RECDOC-368 (IAEA 1986) pp 129-132.

Aarkrog, A., Long-lived Radionuclides Important in Marine Waste Disposal. I: Behaviour of Long-lived Radionuclides Associated with Deep-sea Disposal of Radioactive Wastes, IAEA-TECDOC-368 (IAEA 1986) pp 149-154.

Bøtter-Jensen, L. Instrumentkalibrering på Risø. *Risø Nyt* (1986), marts.

Aarkrog, A., Boelskifte, S., Dahlgaard, H., Duniec, S., Hallstadius, L., Holm, E., Smith, J.N.: Technetium-99 and Cesium-134 as long Distance Tracers in Arctic Waters. *Estuarine, Coastal Shelf Sci.* (1987) v. 24 p. 637-647.

Aarkrog, A., Boelskifte, S., Dahlgaard, H., Duniec, S., Holm, E., Smith, J.N., Studies of Transuranics in an Arctic Marine Environment, *J. Radioanal. Nucl. Chem. Art.* (1987) v. 115 p. 39-50.

Aarkrog, A., Tc-99 - A Waste Problem?. I: Safety and Efficacy of Radiopharmaceuticals 1987. Kristensen, K., Nørbygaard, E., (Martinus Nijhoff Publishers, Dordrecht, 1987) (Developments in Nuclear Medicine, 14) p. 261-268.

Aarkrog, A., Behaviour of Long-Lived Radionuclides in Terrestrial and Marine (North Atlantic Region) Environments. I: Radiation Protection Programme. Progress Report 1986. (CEC, Brussels, 1987) (EUR-10953) p. 297-305.

Barthe, J.R., Böhm, J., Christensen, P. (and others): Report on a Workshop on the Application of Thermoluminescence Dosimetry to Large Scale Individual Monitoring, Ispra 11-13 Sep. 1985. Radiat. Prot. Dosim. (1987) v. 18 p. 47-61.

Bøtter-Jensen, L., Furuta, S., Nielsen, S.P., A TL Dosemeter that Estimates the Dose and Energy Distribution of Environmental Gamma Radiation. Radiat. Prot. Dosim. (1986) v.17 p. 205-209.

Bøtter-Jensen, L., Nielsen, S.P., Europæisk interkalibreringsprojekt vedrørende gammabaggrundsmåling. I: Nordiska Sällskapet för Strålskydd. 8. ordinarie möte. Mariehamn, 26-28 Aug. 1987 (Nord. Sällskapet for Strålskydd, Helsingfors, 1987) 11 p.

Christensen, P., Herbaut, Y., Marshall, T.O., Personal Monitoring for External Sources of Beta and Low Energy Photon Radiations. Radiat. Prot. Dosim. (1987) v.18 p. 241-260.

Christensen, P., Prokic, M., Energy and Angular Response of TL Dosemeters for Beta Ray Dosimetry. Radiat. Prot. Dosim. (1986) v. 17 p. 83-87.

Dahlgaard, H., Technetium in the Environment (Book Review), J. Environ. Radioact. (1987) v. 5 p. 83-84.

Gjørup, H.L., ALARA and Chernobyl, Health Physics Society Newsletter. (1987) v. 15(2) p. 8-9.

Gjørup, H.L., Thulespørgsmålet må manes i jorden, Jyllands Posten (1987), 25. januar.

Gjørup, H.L., Shielding for Plume Radiation and Assessment of Factors Influencing Indoor Exposure. I: Radiation Protection Programme. Progress Report 1986. (Commission of the European Communities, Brussels, 1987) (EUR-10953) p. 1367-1374.

Gjørup, H.L., Intervention Levels for Foodstuffs and Cost-Benefit Analysis. I: International Scientific Seminar on Foodstuffs Intervention Levels following a Nuclear Accident. Preprint. Luxembourg, 27-30 Apr. 1987. (Commission of the European Communities, Luxembourg, 1987) (EUR-11232) p. 33-37.

Hallstadius, L., Garcia-Montano, E., Nilsson, U., Boelskifte, S., An Improved and Validated Dispersion Model for the North Sea and Adjacent Waters. J. Environ. Radioact. (1987) p. 261-274.

Hansen, H., Vandforsyning og radioaktivt nedfald. I: Kursus i vandforsyningsteknik XXXVI, Århus, 23-26 Mar 1987. (Dansk Vandteknisk Forening, Viby J., 1987) p. 41-55.

Hansen, H., Følelser og fornuft i miljødebatten. Berlingske Tidende (1987) 31 Oct.

Hansen, H.J.M., Comparative Studies on Lipid Metabolism in Various Salt Transporting Organs of the European Eel (*Anguilla Anguilla*). Mono-Unsaturated Phosphatidylethanolamine as a Key Substance. Comp. Biochem. Physiol. (1987) v. 88B p. 323-332.

Hedemann Jensen, P., Atomberedskab - Subjektivt eller objektivt?. Jyllands-Posten (1987) 27 Maj.

Hedemann Jensen, P., Gjørup, H.L., Modforholdsregler og aktionsniveauer ved reaktoruheld. Filosofi og eksempler. I: Nord. Sällsk. f. Strålskydd. 8. ordin. möte. Mariehamn, 26-28 Aug 1987. (Nord. Sällsk. f. Strålskydd, Helsingfors, 1987) 14 p.

Hedemann Jensen, P., Lauridsen, B., Fremstilling af et fantom til intern dosimetri målinger. I: Nordiska Sällskapet för Strålskydd. 8. ordinarie möte. Mariehamn, 26-28 Aug 1987. (Nordiska Sällskapet för Strålskydd, Helsingfors, 1987) 9 p.

Hedemann Jensen, P., Lauridsen, B., Fantom til Intern Dosimetri Risø Nytt (1987), juni.

Holm, E., Aarkrog, A., Ballestra, S., Determination of ^{237}Np in Large Volume Samples of Sea Water by a Radiochemical Procedure, J. Radioanal. Nucl. Chem. Art. (1987) v. 115 p. 5-11.

Jensen, J., Walmod-Larsen, O., Et dansk landsdækkende atomberedskab. I: Nordiska Sällskapet för Strålskydd. 8. ordinarie möte. Mariehamn, 26-28 Aug 1987. (Nordiska Sällskapet för Strålskydd, Helsingfors, 1987) 2 p.

Lauridsen, B., Hedemann Jensen, P., Experimental Verification of Internal Dosimetry Calculations: Construction of a Heterogeneous Phantom based on Human Organs. Nucl. Instrum. Methods Phys. Res. A (1987) v. 255 p 365-370.

Lauridsen, B., Søgaard-Hansen, J., Helkropsmålinger af ^{137}Cs og ^{134}Cs i udvalgte danskere. I: Nordiska Sällskapet för Strålskydd. 8. ordinarie möte. Mariehamn, 26-28 Aug 1987. (Nordiska Sällskapet för Strålskydd, Helsingfors, 1987) 10 p.

Majborn, B., Automated Counting and Analyses of Etched Tracks in CR-39 Plastic. Radiat. Prot. Dosim. (1986) v. 17 p. 153-155.

Majborn, B., European/US/Canadian Neutron Dosimeter Irradiations. Summary of Results from Risø National Laboratory. I: Fiesch, E. (ed.), Neutron Irradiations of Proton-Sensitive Track Etch Detectors. Results of the Joint European / USA / Canadian Irradiations 1986. KFK-4305 (EURADOS-CENDOS-R-1987-01) (1987) p. 51-54.

Majborn, B., Neutrondosimetri med CR-39 sporfolier. I: Nordiska Sällskapet för Strålskydd. 8. ordinarie möte. Mariehamn, 26-28 Aug 1987. (Nordiska Sällskapet för Strålskydd, Helsingfors, 1987) 6 p.

Mikkelsen, T., Thykier-Nielsen, S., Atmospheric Dispersion over Complex Terrain. I: Proceedings of Workshop on Mesoscale Modelling, Turbulence and Diffusion. Risø, 12-15 May 1987. Pearce, R.P. (ed.), Risø National Laboratory, Roskilde 1987) p. 103-110.

Miller, A., Hedemann Jensen, P., Measurements of Induced Radioactivity in Electron- and Photon-irradiated Beef. Appl. Radiat. Isot. (1987) v. 38 p. 507-512.

Nielsen, F., Ekstreme forudsætninger. Hvordan gør man små doser til store doser. Ren Energi (1987) (no.24) p. 9-10.

Nielsen, S.P., Doses to the Mariehamn Population from Aquatic Sellafield Discharges. I: Nordiska Sällskapet för Strålskydd. 8. ordinarie möte. Mariehamn, 26-28 Aug 1987. (Nordiska Sällskapet för Strålskydd, Helsingfors, 1987) 6 p.

Nielsen, S.P., Radioaktiv Forurening af Fødevarer. Risø Nyt (1987), juni.

Roed, J., Dry Deposition on Smooth and Rough Urban Surfaces. NKA-AKTU-245-87-1 (1987) 10 p.

Roed, J., Behaviour of Accidentally Released Radionuclides in Urban Areas. I: Radiation Protection Programme. Progress Report 1986. (Commission of the European Communities, Brussels, 1987) (EUR-10953) p. 1571-1575.

- Roed, J., Tørdeposition af elementar jod og cæsiummærkede partikler over et område af Boserup skov. I: Forskerseminar: Luftforurenings indflydelse på de danske skove. Foreløbig udgave. København, 30 Nov 1987. (Skov- og Naturstyrelsen, Miljøministeriet, København, 1987) p. 7-10.
- Søgaard-Hansen, J., Determining ^{222}Rn Diffusion Lengths in Soils and Sediments. Health Phys. (1987) v. 53 p. 455-459.
- Thykier-Nielsen, S., Gryning, S.-E., Mikkelsen, T., Simulation of the Øresund-Experiment Tracer Releases with the Risø Mesoscale Puff Diffusion Model. I: The Øresund Experiment. Proceedings of the Workshop II. Uppsala, 13-14 Oct 1987. Högstöm, U. (ed.), (Nordforsk, Oslo, 1987) p. 43-56.
- Thykier-Nielsen, S., Gryning, S.-E., Gylling Mortensen, N., Mikkelsen, T., Simulation of Tracer Releases with the Risø Mesoscale Puff Diffusion Model. I: The Øresund Experiment. Proceedings from Workshop I. Copenhagen, 8-9 Oct 1986. Lagus, M.-M. (ed.), (Nordforsk, Oslo, 1987) p. 161-172.
- Ulbak, K., Stenum, B., Klinder, O., Sørensen, A., Majborn, B., Bøtter-Jensen, L., Nielsen, S.P. (eds.), Naturlig stråling i danske boliger. (Sundhedsstyrelsen, Kbh., 1987) 122 p.
- Walmø-Larsen, O., Argos - et EDB-værktøj til beredskabssituationer, Risø Nyt (1987), september.
- Aarkrog, A., The Radiological Impact of the Chernobyl Debris Compared with that from Nuclear Weapons Fallout. J. Environ. Radiact. (1988) v. 6 p. 151-162.
- Aarkrog, A., Radioøkologiske erfaringer efter Tjernobyl. I: 5. Nordiska Radioøkologiseminariet. Part 1. Rättvik, 22-25 Aug 1988. (Statens Strålskyddsinstitut, Stockholm, 1988) Afd. A, 16 p.

Aarkrog, A., Studies of Chernobyl Debris in Denmark. Environ. Int. (1988) v. 14 p. 149-155.

Aarkrog, A., Worldwide Data on Fluxes of $^{239,240}\text{Pu}$ and ^{238}Pu of the Oceans. I: Inventories of Selected Radionuclides in the Oceans. IAEA-TECDOC-481 (1988) p. 103-137.

Aarkrog, A., Boelskifte, S., Dahlgaard, H., Duniec, S., Holm, E., Smith, J.N., Studies of Transuranics in an Arctic Marine Environment. J. Radioanal. Nucl. Chem. Art. (1987) v. 115 p. 39-50.

Aarkrog, A., Carlsson, L., Chen, Q.J., Dahlgaard, H., Holm, E., Huynh-Ngoc, L., Jensen, K.H., Nielsen, S.P., Nies, H., Origin of Technetium-99 and its use as a Marine Tracer. Nature (1988) v. 335 p. 338-340.

Bigard, T., Sequin, H., Böhm, J., Chartier, J.L., Christensen, P., Francis, T.M., Lemvo, L., Results of the European Community's Beta Intercomparison Programme of Individual Dosimeters in 1986. I: Radiation Protection Practice. Vol. 1., 7. International Congress of the International Radiation Protection Association. Sydney, 10-17 Apr. 1988. (Pergamon Press, Sydney, 1988) p. 404-407.

Bloch, M., Kramer, W., Warming, L., Safety Related Recommendations for the Design of the Next European Tours NET. Special Issue: External Hazards. NET-DSGWG-88-03 (1988) vp.

Bøtter-Jensen, L., The Automated Risø TL Dating Reader System. Nucl. Tracks Radiat. Meas. (1988) v. 14 p. 177-180.

Bøtter-Jensen, L., Forslag til nordiske interkalibreringer af gammabaggrundsmålere med reference til EF interkalibreringsøvelser. I: 5. Nordiska Radioekologiseminarieret. Part 2. Rättvik, 22-25 Aug 1988. (Statens Strålskyddsinstitut, Stockholm, 1988) Afd. E, 10 p.

Bøtter-Jensen, L., Mejdahl, V., Assessment of Beta Dose-Rate Using a GM Multicounter System. Nucl. Tracks Radiat. Meas. (1988) v. 14 p. 187-191.

Bøtter-Jensen, L., Vanamo, V., Towards an Automated TLD System that Meets International Requirements. I: Radiation Protection Practice. Vol. 2., 7. International Congress of the International Radiation Protection Association, Sydney, 10-17 Apr 1988. (Pergamon Press, Sydney, 1988) p. 1036-1039.

Campbell, H., Djerassi, H., Gulden, W., Klippel, H., Kramer, W., Rocco, P., Warming, L., Safety Related Recommendations for the Design of the Next European Torus NET. Part I: Radiological Safety Related Recommendations. NET-DSGWG-88-01 (1988)vp.

Christensen, P., The Current Status of Personal Beta Dosimetry. I: Advances in Beta and Neutron Dosimetry. I. Yugoslav-Italian Radiation Protection Association Meeting, Pula, 4-6 Jun 1986. Prokic, M. (eds.), (Boris Kidric Institute of Nuclear Sciences, Belgrade, 1987) p. 26-51.

Christensen, P., Böhm, J., Francis, T.M., Measurement of Absorbed Dose to Tissue in a Slab Phantom for Beta Radiation Incident at Various Angles. I: Beta Dosimetry. 5. Information Seminar on the Radiation Protection Dosemeter Intercomparison Programme, Bologna, 25-27 May 1987. (Communities, Brussels, 1988) (EUR-11363).

Christensen, P., Vanamo, V., Study of Dosimeter Parameters for the Measurement of $H_g(0.07)$ for Personal Beta Dosimetry. I: Radiation Protection Practice. Vol. 1. 7. International Congress of the International Radiation Protection Association, Sydney, 10-17 Apr. 1988. (Pergamon Press, Sydney, 1988) p. 417-420.

Dahlgaard, H., Samordning af nordisk radioøkologi. I: 5. Nordiska Radioøkologiseminarier. Part I. Rättvik, 22-25 Aug 1988. (Staten Strålskyddsinstitut, Stockholm, 1988) 5 p.

Dahlgaard, H., Aarkrog, A., Nielsen, S.P., Holm, E., Hansen, H., Marine Environment. A: Experimental Studies (Turnover of Radionuclides in Bioindicators), B: Field Studies (North Atlantic Region - Baltic Sea), and C: Thule Studies. I: Radiation Protection Programme. Progress Report 1987. (Commission of the European Communities, Brussels, 1988) (EUR-11464) p. 312-316.

Dahlgaard, H., Aarkrog, A., Nielsen, S.P., Chernobyl og de nordiske have. I: 5. Nordiska Radioekologiseminarier. Part 1. Rättvik, 22-25 Aug 1988. (Statens Strålskyddsinstitut, Stockholm, 1988) Afd. C, 8 p.

Francis, T.M., Böhm, J., Chartier, J.L., Christensen, P., Lembo, L., The Scientific and Technical Aspects of the Beta Intercomparison Programme 1986. I: Beta Dosimetry. 5. Information Seminar on the Radiation Protection Dosemeter Intercomparison Programme Bologna, 25-27 May 1987. (Commission of the European Communities Brussels, 1988) (EUR-11363) (Radiation Protection, 38) p. 23-38.

Gjellerup, U., Walmod-Larsen, O., Det betyder det. Civilforsvar (1988) (no.1) p. 11-13.

Gjørup, H.L., Countermeasures and Socio-Economic Considerations. Radiat. Prot. Dosim. (1987) v. 21 p. 145-150.

Gjørup, H.L., Hansen, H.J.M., Lifetime Loss through Lung Cancer in Denmark and Sweden in Relation to Radon Levels. I: Health Effects of Low Dose Ionising Radiation - Recent Advances and their Implications. Proceedings. London 11-14 May 1987. (British Nuclear Energy Society. London, 1988) p. 165-169.

Gjørup, H.L., Heikel Vinther, F., Olast, M., Sinaeve, J. (eds.), Accidental Urban Contamination. Workshop on Consequences of Accidental Contamination of the Urban Environment, Roskilde, 9-12 Jun 1987. (Nuclear Technology Publishing, Ashford, 1987) (Radiation Protection Dosimetry, 21) 191 p.

Hansen, H.J.M., How fast do Eels Grow. Nucl. Active (1988) (no.38) p. 7-10.

Hedemann Jensen, P., Thykier-Nielsen, S., Shielding Factor Calculation for Plume Radiation. I: Radiation Protection Programme. Progress Report 1987. (Commission of the European Communities, Brussels, 1988) (EUR-11464) p. 1372-1375.

Hedemann Jensen, P., Lauridsen, B., Construction of a Heterogeneous Phantom for Internal Dosimetry Measurements. I: Radiation Protection Practice. Vol. 2. 7. International Congress of the International Radiation Protection Association, Sydney, 10-17 Apr 1988. Pergamon Press, Sydney, 1988) p. 1126-1129.

Hedemann Jensen, P., Gjørup, J.L., Intervention Levels and Countermeasures-Philosophy and Examples. Radiat. Prot. Dosim. (1987) v. 21 p. 175-180.

Lauridsen, B., Hedemann Jensen, P., Selection of Suitable Liquids and Solids for a Phantom for Internal Dosimetry Measurements. I: Radiation Protection Practice. Vol. 2. 7. International Congress of the International Radiation Protection Association, Sydney, 10-17 Apr 1988. (Pergamon Press, Sydney, 1988) p. 1116-1119.

Lauridsem, B., Søgaaard-Hansen, J., Whole-Body Measurements of a Group of Selected Danes. I: 5. Nordiska Radioekologiseminarier. Part 2. Rättvik, 22-25 Aug 1988. (Statens Strålskyddsinstitut, Stockholm, 1988) Afd. H, 9 p.

Lippert, J., Status for Nordisk Chernobyl Data Bank. NKA-projekt 242. I: 5. Nordiska Radioekologiseminarier. Part 2. Rättvik, 22-25 AUG 1988. (Statens Strålskyddsinstitut, Stockholm, 1988) Afd. F, 3 p.

- Lippert, J., Computer System for Data-Communication. Presentation and Dose Calculation. I: Real-Time Computing of the Environmental Consequences of an Accidental Release to Atmosphere from a Nuclear Installation. Proceedings. Vol. 2. Luxembourg, 17-20 Sep 1985. (Commission of the European Communities, Luxembourg, n.d.) (DOC. No. V 2943/86) p. 544-559.
- Majborn, B., Sørensen, A., Nielsen, S.P., Bøtter-Jensen, L., Investigation of Factors Influencing Indoor Radon. I: Radiation Protection Programme. Progress Report 1987. (Commission of the European Communities, Brussels, 1988) (EUR-11464) p. 1376-1379.
- Mikkelsen, T., Thykier-Nielsen, S., Troen, I., Baas, A.F. de, Larsen, S.E., Kamada, R., Skupniewicz, C., Schacher, G., A Hazard Assessment Model for Complex Terrain. I: 8. Symposium on Turbulence and Diffusion. San Diego 25-29 Apr 1988. (American Meteorological Society, Boston, 1988) p. 180-185.
- Nielsen, S.P., Aarkrog, A., A Model Performance Test for the Aquatic Dispersion of Radionuclides in the North-East Atlantic Waters, I: Reliability of Radioactive Transfer Models. Desmet, G. (ed.), (Elsevier Applied Science, London, 1988) (EUR-11367) p. 217-226.
- Nielsen, S.P., Gryning, S.-E., Karlberg, O., Lyck, E., Thykier-Nielsen, S., A Field Experiment to Validate Atmospheric Dispersion and Dose Models. I: Real-Time Computing of the Environmental Consequences of an Accidental Release to Atmosphere from a Nuclear Installation. Proceedings. Vol. 2. Luxembourg, 17-20 Sep 1985. (Commission of the European Communities, Luxembourg, n.d.) (DOA. No. V 2943/86) p. 459-478.

- Nielsen, S.P., Holm, E., Bøtter-Jensen, L., Terrestrial Environment, A: Dynamic Models of the Human Food-Chain and B: Determination of Less Wellknown Long-Lived Radionuclides. I: Radiation Protection Programme. Progress Report 1987. (Commission of the European Communities, Brussels, 1988) (EUR-11464) p. 308-311.
- Nielsen, S.P., Kanyár, B., Simulation of ^{137}CS Contamination in Denmark from Chernobyl. I: 5. Nordiska Radioekologiseminarieret. Part 2. Rättvik, 22-25 Aug 1988. (Statens Strålskyddsinstitut, Stockholm, 1988) Afd. F, 6 p.
- Roed, J., The Distribution of Dry Deposited Material on Trees from the Chernobyl Accident. I: Joint CEC/OEDC(NEA) Workshop on Recent Advances in Reactor Accident Consequence Assessment. Proceedings of the 2. Part of the Workshop. Rome, 25-29 Jan 1988. Olast, M., Sinnaeve, J. (eds.), EUR-11408 (1988) p. 165-178.
- Roed, J., Dry Deposition on Trees and Grass. I: 5. Nordiska Radioekologiseminarieret. Part 1. Rättvik, 22-25 Aug 1988. (Statens Strålskyddsinstitut, Stockholm, 1988) Afd. B, 13 p.
- Roed, J., Dry Deposition in Rural and in Urban Areas in Denmark. Radiat. Prot. Dosim. (1987) v. 21 p. 33-36.
- Roed, J., Experimental and Modelling Approach to Assess Indoor Doses in Urban Agglomerations and Evaluation of the Decontamination through Run-Off of Deposited Material. I: Radiation Protection Programme. Progress Report 1987, Brussels, 1988 (EUR-11464) p. 1548-1551.
- Roed, J., Run-off from and Weathering of Roof Material Following the Chernobyl Accident. Radiat. Prot. Dosim. (1987) v. 21 p. 59-63.

Roed, J., Channell, R.J., The Deposition of Beryllium-7 Marked Particles on Surfaces in Unfurnished and Furnished Rooms. I: Joint CEC/OECD(NEA) Workshop on Recent Advances in Reactor Accident Consequence Assessment. Proceedings of the 2. Part of the Workshop. Rome, 25-29 Jan 1988. Olast, M., Sinnaeve, J. (eds.), EUR-11408 (1988) p. 208-221.

Roed, J., Channell, R.J., Relationship between Indoor and outdoor Aerosol Concentration Following the Chernobyl Accident. Radiat. Prot. Dosim. (1987) v. 21 p. 107-110.

Thykier-Nielsen, S., Larsen, S.E., Mikkelsen, T., Consequences of a Nuclear Accidental Release Modelled by a Puff-Model out to 200 km from the Source. I: Real-Time Computing of the Environmental Consequences of an Accidental Release to Atmosphere from a Nuclear Installation. Proceedings. Vol. 1. Luxembourg, 1720 Sep 1985. (Commission of the European Communities, Luxembourg, n.d.)(DOC. No. V 2943/86) p. 170-192.

Thykier-Nielsen, S., Gryning, S.-E., Mortensen, N.G., Puff Diffusion Model Simulations of two Tracer Releases from the Øresund-Experiment. I: Real-Time Computing of the Environmental Consequences of an Accidental Release to Atmosphere from A Nuclear Installation. Proceedings. Vol. 2. Luxembourg, 17-20 Sep 1985. (Commission of the European Communities, Luxembourg, n.d.) (DOC. No. V 2943/86) p. 479-499.

Walmod-Larsen, O., Lippert, J., Jensen, J., ARGOS: A Computer Tool for Rapid Decision-Making in Case of Nuclear Emergencies. I: United Nations Conference for the Promotion of International Co-Operation in the Peaceful Uses of Nuclear Energy. Technical Reports. Volume 4: Nuclear Safety and Radiological Protection. Geneva, 23 Mar - 10 Apr 1987. (United Nations, New York, 1987) (A/CONF: 108/TR.4) p. 145-146.

Walmod-Larsen, O., Ryder, H.P., Denmark's Planned Nationwide Warning System for Fallout from Nuclear Accidents. Nucl. Europe (1988) v. 8/3(3) p. 27.

Warming, L., Computer Modelling of Radioactive Source Terms at a Tokamak Reactor. I: Fusion Technology - Safety and Environment. Account on the Results since July 1986. Raeder, J. (ed.), (The Net Team. Max-Planck-Institut für Plasmaphysik, München, 1987) p. 31-32.

Warming, L., NET Design Safety Guidelines. I: Fusion Technology - Safety and Environment. Account on the Results since July 1986. Raeder, J. (ed.), (The Net Team. Max-Planck-Institut für Plasmaphysik, München, 1987) p. 68.

Warming, L. Decontamination by Shotblasting of Radioactivity Deposited on an Asphalt Road. Radiat. Prot. Dosim. (1987) v. 21 p. 141-143.

Øhlenschläger, M., Chernobyl Forurening Bruges til Miljømodel, Risø Nyt (1988), december.

Aarkrog, A., Radioecological Lessons Learned from Chernobyl. I: The Radioecology of Natural and Artificial Radionuclides. 15. Regional Congress of IRPA, Visby, 19-14 Sep 1989. Feldt, W. (ed.), (Verlag TÜV Rheinland GmbH, Köln, 1989) (Jahrestagung, Fachverband für Strahlenschutz e. V., 22) p. 129-134.

Bigard, T., Bøtter-Jensen, L., Lauterbach, U., Pessara, W., Seguin, H., Thompson, I.M.G., (eds.), Intercomparison of Environmental Gamma Dose Rate Meters. A Comprehensive Study of Calibration Methods and Field Measurements. Part 1. 1984 and 1985 Experiments. EUR-11665 (1989) 115 p.

Bøtter-Jensen, L., Lauterbach, U., Pessara, W., Thompson, I.M.G.,
Multi-Laboratory Testing of Environmental Gamma Dose-Rate
Meters. I: Radiation Protection. Theory and Practice. 4.
International Symposium of the Society for Radiological
Protection, Malvern, 4-9 Jun 1989. Goldfinch, E.P. (ed.),
Institute of Physics, Bristol, 1989) p. 413-416.

Bøtter-Jensen, L., Nielsen, S.P., Beta Multicounter Systems for
Low-Level Measurements of Environmental Samples. I: The
Radioecology of Natural and Artificial Radionuclides. 15.
Regional Congress of IRPA, Visby, 10-14 Sep 1989. Feldt, W.
(ed.), (Verlag TÜV Rheinland GmbH, Köln, 1989) (Jahrestagung
Fachverband für Strahlenschutz e. V., 22) p. 459-464.

Bøtter-Jensen, L., Nielsen, S.P., Measurements of ^{99}Tc and ^{90}Y in
Environmental Samples using a Low-Level Beta Multicounter
System. I: Radiation Protection. Selected Topics. 30. Anni-
versary Symposium of Radiation Protection, Dubrovnik, 2-6 Oct
1989. Ninkovic, M.M., Pavlovic, R.S., Raicevic, J.J. (eds.),
(The Boris Kidric Institute of Nuclear Sciences. Radiation
and Environmental Protection Department, Belgrade, 1989) p.
513-518.

Camplin, W.C., Aarkrog, A., (eds.), Radioactivity in North
European Waters: Report of Working Group 2 of CEC Project
MARINA. (Ministry of Agriculture Fisheries and Food, Lowes-
toft, 1989) (Fisheries Research Data Report, 20) 120 p.

Chen Qing-Jiang, Aarkrog, A., Dahlgaard, H., Nielsen, S.P., Holm,
E., Dick, H., Mandrup, K., Determination of Technetium-99 in
Environmental Samples by Solvent Extraction at Controlled Va-
lence. J. Radioanal. Nucl. Chem. Art. (1989) v. 131 p. 171-
187.

- Chen Qing-Jiang, Aarkrog, A., Nielsen, S.P., Decontamination of Thorium from Plutonium Analyses. I: The Radioecology of Natural and Artificial Radionuclides. 15. Regional Congress of IRPA, Visby, 10-14 Sep 1989. Feldt, W. (ed.), (Jahrestagung, Fachverband für Strahlenschutz e.V., 22) p. 485.
- Chen, Q.J., Nielsen, S.P., Aarkrog, A., Preparation of Thin Alpha Sources by Electrospraying for Efficiency Calibration Purposes. J. Radioanal. Nucl. Chem. Lett. (1989) v. 135 p. 117-123.
- Christensen, P., Calibration and Evaluation Procedure for the Risø TLD Badge. I: Intercomparison for Individual Monitoring. Working Material Research Co-ordination Meeting, Vienna, 24-28 Apr 1989. Griffith, R. (ed.), (IAEA, Vienna, 1989) (IAEA-RC-408) 2 p.
- Christensen, P. Individual Monitoring in Mixed Photon-Beta Fields. I: Intercomparison for Individual Monitoring. Working Material. Research Co-ordination Meeting, Vienna, 24-28 Apr 1989. Griffith, R. (ed.), (IAEA, Vienna, 1989) (IAEA-RC-408) 14 p.
- Dahlgaard, H., Radionuclides Loss Rates from Baltic Mytilus Edulis. I: Heavy Metals in the Environment. Vol. 1. International Conference on Heavy Metals in the Environment, Geneva Sep 1989. Vernet, J.-P. (ed.), (CEP Consultants Ltd., Edinburgh, 1989) p. 265-268.
- Dahlgaard, H., Tang Afslører Radioaktiv Forurening, Risø Nyt (1989), juli.
- Dahlgaard, H., Aarkrog, A., Nielsen, S.P., Holm, E., Hansen, H., Qingjiang Chen, Marine Environment. A: Experimental Studies (Turnover of Radionuclides in Bioindicators), B: Field Studies (North Atlantic Region - Baltic Sea), and C: Thule Studies. I: Radiation Protection Programme Progress Report 1988. (Commission of the European Communities, Brussels, 1989) (EUR-12064) p. 366-369.

De Geer, L.-E., Vintersved, I., Aaltonen, H., Klemola, S., Kolb, W., Ugletveit, F., Rudjord, A.L., Nielsen, S.P., Aarkrog, A., A Nordic Network of High Sensitivity Ground Level Stations Surveying Particulate Radionuclides in the Air. I: The Radioecology of Natural and Artificial Radionuclides. 15. Regional Congress of IRPA, Visby, 10-14 Sep 1989. Feldt, W. (ed.), (Verlag TÜV Rheinland GmbH, Köln, 1989) (Jahrestagung Fachverband für Strahlenschutz e.V., 22) p. 562.

Roed, J., Experimental and Modelling Approach to Assess Indoor Doses in Urban Agglomerations and Evaluation of the Decontamination through Run-Off of Deposited Material. I: Radiation Protection Programme. Progress Report 1988. (Commission of the European Communities, Brussels, 1989) (EUR-12064) p. 1741-1745.

Hansen, H., Fiskens Miljøbiologi, Risø Nyt (1989), oktober.

Hansen, H., Tjernobyl kan give 800-1200 kræftdøde over de næste 50 år. Ingeniøren (1989) v. 15 (no. 47) p. 24.

Hansen, H., Aarkrog, A., Radioøkologien - læren om de radioaktive isotopers omsætning i naturen. Nat. Verden (1989) (no. 4) p. 146-153.

Hansen, H.J.M., Lifetime Loss through Lung Cancer in Denmark and Sweden in Relation to Radon Levels. I: The Effects of Small Doses of Radiation. Proceedings. London, 7-8 Feb 1989. (I.B.C. Technical Services Ltd., London, 1989) 6 p.

Hansen, H.J.M., Abraham, S., Compartmentation of Gluconeogenesis in the Fasted Eel (*Anguilla Anguilla*). Comp. Biochem. Physiol. B (1989) v. 92 p. 697-703.

Havforurening i Kattegat, Risø Årsberetning 1988 (1989), p. 20-21.

Hedemann Jensen, P., Thykier-Nielsen, S., Shielding Factor Calculation for Plume Radiation. I: Radiation Protection Programme. Progress Report 1988. (Commission of the European Communities, Brussels, 1989)(EUR-12064) p. 1561-1565.

Hedemann Jensen, P., Thykier-Nielsen, S , NKA projekt AKTU 250. Skærmfaktorer for skystråling. I: AKT-Seminar 1989. Seminar om aktivitetsfrigørelse, spredning og omgivelsespåvirkning, Asker, 18-21 Jun 1989. (NKA, Kjeller, 1989) 10 p.

Kanada,, R.F., Skupniewicz, C.E., Glendening, J., Schacher, G.G., Mikkelsen, T., Thykier-Nielsen, S., Troen, I., Larsen, S.E., Takle, E.S., Ly, L.N., Griffin, J., Vandenberg Air Force Base Meteorology and Plume Dispersion Handbook for Boundary Layer Releases. NPS-61-89.004 (v.1 and 2) (1989) 450 p.

Lauterbach, U., Pessara, W., Bøtter-Jensen, L., Environmental Radiation Measurements. Consequences of an International Intercomparison. The Radioecology of Natural and Artificial Radionuclides. 15. Regional Congress of IRPA, Visby, 10-14 Sep 1989. Feldt, W. (ed.), (Verlag TÜV Rheinland GmbH, Köln, 1989) (Jahrestagung Fachverband für Strahlenschutz e. V. 22) p. 533-538.

Majborn, B., Radon i boliger. Fysik - Kemi (1989) v. 16 (no. 2) p. 10-12.

Marshall, T.O., Christensen, P., Julius, H.W., The New ICRU Quantities and the CEC Recommendations on Individual Monitoring. Radiat. Protec. Dosim. (1989) v. 28 p. 143-148.

Marshall, T.O., Christensen, P., Julius, H.W., CEC Technical Recommendations for Monitoring the Exposure of Individuals to External Radiation. I: Radiation Protection. Theory and Practice. 4. International Symposium of the Society for Radiological Protection, Malvern, 4-9 Jun 1989. Goldfinch, E.P. (ed.), (Institute of Physics, Bristol, 1989) p. 257-260.

Mikkelsen, T., Kristensen, L., Thykier-Nielsen, S., Pécseli, H.L., Validation Experiments for Near-Site Region Atmospheric Dispersion Models. I: Radiation Protection Programme. Progress Report 1988. (Commission of the European Communities, Brussels, 1989) (EUR-12064) p. 1703-1707.

Nielsen, S.P., Modelling the Transfer of ^{131}I to Danish Milk after Chernobyl Accident. I: The Radioecology of Natural and Artificial Radionuclides. 15. Regional Congress of IRPA, Visby, 10-14 Sep 1989. Feldt, W. (ed.), (Verlag TÜV Rheinland GmbH, Köln, 1989) (Jahrestagung Fachverband für Strahlenschutz e. V. 22) p. 215-220.

Nielsen, S.P., In Situ Gamma-Spectrometric Measurements of Airborne Radon Daughters over Ice-covered Water. I: The Radioecology of Natural and Artificial Radionuclides. 15. Regional Congress of IRPA, Visby, 10-14 Sep 1989. Feldt, W. (ed.), (Verlag TÜV Rheinland GmbH, Köln, 1989) (Jahrestagung Fachverband für Strahlenschutz e. V. 22) p. 527-532.

Nielsen, S.P., Holm, E., Øhlenschläger, M., Bøtter-Jensen, L., Qingjiang Chen, Terrestrial Environment. A: Dynamic Models of the Human Food Chain and B: Determination of Less Well-known Long-lived Radionuclides. I: Radiation Protection Programme. Progress Report 1988. (Commission of the European Communities, Brussels, 1989) (EUR-12064) p. 361-365.

Roed, J., Sandalls, J. The Concentration Levels of Chernobyl Fallout on Different Surfaces in Gävle in Sweden. I: The Radioecology of Natural and Artificial Radionuclides. 15. Regional Congress of IRPA, Visby, 10-14 Sep 1989. Feldt, W. (ed.), (Verlag TÜV Rheinland GmbH, Köln, 1989) (Jahrestagung Fachverband für Strahlenschutz e. V. 22) p. 367-371.

Thorlaksen, B., Ulbak, K., Walmod-Larsen, O., A Basis for Nuclear Emergency Planning and Preparedness in Denmark - The Farfield Perspective. I: Emergency Planning in Case of Nuclear Accident. Proceedings of a Joint NEA/CEC Workshop, Bruxelles 27-29 June 1989. OECD, Paris (1989) p. 77-88.

Thykier-Nielsen, S., Mikkelsen, T., Modelling of Flow and Dispersion in a Coastal Area. I: Meteorology and Atmospheric Dispersion in a Coastal Area. Proceedings. EURASAP Conference. The Øresund Experiment, Workshop III, Risø, 25-27 Oct 1988. Gryning, S.-E. (ed.), (Risø National Laboratory, Roskilde, 1988) p. 155-171.

Thykier-Nielsen, S., Mikkelsen, T., Larsen, S.E., Troen, I., Baas, A.F. de, Kamada, R., Skupniewicz, C., Schacher, G., A Model for Accidental Releases in Complex Terrain. I: Air Pollution Modeling and its Application VII. 17. NATO/CCMS International Technical Meeting, Cambridge, 19-22 Sep 1988. Dop, H. van (ed.), (Plenum Press, New York, 1989) (NATO Challenges of Modern Society, 13) p. 65-76.

Ulbak, K., Stenum, B., Sørensen, A., Majborn, B., Bøtter-Jensen, L., Nielsen, S.P., Results from the Danish Indoor Radiation Survey. Radiat. Prot. Dosim. (1988) v. 24 p. 401-405.

Øhlenschläger, M., Dynamic Modelling of Cs-137 Contamination in Denmark. I: The Radioecology of Natural and Artificial Radionuclides. 15. Regional Congress of IRPA, Visby, 10-14 Sep 1989. Feldt, W. (ed.), (Verlag TÜV Rheinland GmbH, Köln, 1989) (Jahrestagung Fachverband für Strahlenschutz e. V. 22) p. 159-164.

Gjørup, H.L., Hemmeligholdt Macmillan en reaktorulykke i 1957? Nej, i stedet er der tale om et udslip fra Windscale i årene 1954-56. Ingeniøren (1989) v. 15 (no. 4 pt.I) p. 21.

Campbell, H., Kramer, W., Warming, L., Safety Related Recommendations of the Design of the Next European Torus NET. NET-DSGWG 89-04 (1989) vp.

Warming, L., Computer Modelling of Radioactive Source Terms at a TOKAMAK Reactor. I: Fusion Technology - Safety and Environment. Account of the Results since July 1987, Francois, Y., Raeder, J. (ed.), (The NET Team, Max-Planck-Institut für Plasmaphysik, München, 1988) p. 30-31.

Warming, L., Net Design Safety Guidelines, Progress Report 1988. I: Fusion Technology Safety and Environment. Account of the Results since July 1987, Francois, Y., Raeder, J. (ed.), (The NET Team, Max-Planck-Institut für Plasmaphysik, München, 1988) p. 88.

RISØ-R-Reports

Heydorn, K.; Lippert, J.; Theodorsson, P., The radioactivity in the Risø district. Measurements up to 1 Apr 1957. Risø-R-1 (1957) 157 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity at Risø 1 Apr 1957 - 31 Mar 1958. Risø-R-3 (1958) 106 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity at Risø 1 Apr 1958 - 31 Mar 1959. Risø-R-9 (1959) 50 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity at Risø 1959. Risø-R-14 (1960) 48 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in Denmark 1960. Risø-R-23 (1961) 51 p.

Rasmussen, J.; Walmod-Larsen, O., Influence of the Gamma Background on the Measurement Ranges of Neutron Detectors in the Tank Type Reactor DR2. Risø-R-24 (1961) 12 p.

Aarkrog, A.; Lippert, J.; Petersen, J., Environmental Radioactivity in Denmark 1961. Risø-R-41 (1962) 139 p.

Lippert, J., Low Level Counting. Risø-R-44 (1963) 73 p.

Petersen, J., Environmental Radioactivity at Copenhagen. Feb 1961 - Aug 1962. Risø-R-51 (1962) 25 p.

Aarkrog, A.; Lippert, J.; Petersen, J., Environmental Radioactivity in Denmark in 1962. Risø-R-63 (1963) 147 p.

Aarkrog, A.; Lippert, J.; Petersen, J., Environmental Radioactivity in the Faroes in 1962. Risø-R-64 (1963) 29 p.

Aarkrog, A.; Lippert, J.; Petersen, J., Environmental Radioactivity in Greenland in 1962. Risø-R-65 (1963) 28 p.

Flyger, H., Tracer Experiments for the Evaluation of the Particle-Filtration Efficiency of Installed Absolute Filters. Risø-R-66 (1963) 12 p.

McCarthy, R.; Mejdahl, V., Personnel Dosimetry Practice at Risø. Risø-R-78 (1964) 47 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in Denmark in 1963. Risø-R-85 (1964) 112 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in the Faroes in 1963. Risø-R-86 (1964) 27 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in Greenland in 1963. Risø-R-87 (1964) 21 p.

Flyger, H., Investigation of some Filtration Problems in a High-Activity Handling Building. I. Radio-Iodine and -Caesium Sampling from the Ventilation Air of a High-Activity Handling Building. II. The Particle-Filtration Efficiency of Installed Filters in the High-Activity Handling Building 459 at Harwell. RISØ-R-94 (1964) 24 p.

Lippert, J.; Mejdahl, V., Thermoluminescence Read-out Instrument for Measurement of Small Doses. Risø-R-101 (1965) 16 p.

Flyger, H.; Rosenbaum, H., A Monitoring Design for Radioactive Air Pollution. Risø-R-104 (1965) 14 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in Denmark in 1964. RISØ-R-107 (1965) 98 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in the Faroes in 1964. RISØ-R-108 (1965) 24 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in Greenland in 1964. RISØ-R-109 (1965) 26 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in Denmark in 1965. RISØ-R-130 (1966) 99 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in the Faroes in 1965. RISØ-R-131 (1966) 23 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in Greenland in 1965. RISØ-R-132 (1966) 21 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in Denmark in 1966. RISØ-R-154 (1967) 100 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in the Faroes in 1966. RISØ-R-155 (1967) 23 p.

Aarkrog, A.; Lippert, J., Environmental Radioactivity in Greenland in 1966. RISØ-R-156 (1967) 21 p.

Christensen, P., Manganese Activated Lithium Borate as a Thermoluminescent Dosimetry Material. RISØ-R-161 (1967) 29 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Denmark in 1967. RISØ-R-180 (1968) 91 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in the Faroes in 1967. RISØ-R-181 (1968) 25 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Greenland in 1967. RISØ-R-182 (1968) 19 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Denmark in 1968. RISØ-R-201 (1969) 81 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in the Faroes in 1968. RISØ-R-202 (1969) 20 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Greenland in 1968. RISØ-R-203 (1969) 18 p.

Zak, W.M.; Walmod-Larsen, O., Experimental investigations of the release of radioactivity under accidental conditions in a reactor containment building. RISØ-R-205 (1970) 171 p.

Hansen, H.J.M., Quantitative paper chromatography of ^{14}C -labelled longchain fatty acids. RISØ-R-210 (1969) 59 p.

Project Crested Ice. A joint Danish-American report on the crash near Thule Air Base on 21 January 1968 of a B-52 bomber carrying nuclear weapons. Risø-R-213 (1970) vp.

Leth Nielsen, B.; Mejdahl, V., Gamma-ray logging by means of thermoluminescence dosimeters. RISØ-R-219 (1970) 17 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Denmark in 1969. RISØ-R-220 (1970) 95 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in the Faroes in 1969. RISØ-R-221 (1970) 22 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Greenland in 1969. RISØ-R-222 (1970) 19 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Denmark in 1970. RISØ-R-245 (1971) 95 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in the Faroes in 1970. RISØ-R-246 (1971) 21 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Greenland in 1970. RISØ-R-247 (1971) 18 p.

3. International Conference on Luminescence Dosimetry, Roskilde (DK), 11-14 Oct 1971. RISØ-R-249(pt.1) (1971) 453 p.

3. International Conference on Luminescence Dosimetry, Roskilde (DK), 11-14 Oct 1971. RISØ-R-249(pt.2) (1971) 443 p.

3. International Conference on Luminescence Dosimetry,
Roskilde (DK), 11-14 Oct 1971. RISØ-R-249(pt.3) (1971) 350 p.

Mejdahl, V., Dosimetry techniques in thermoluminescence
dating. RISØ-R-261 (1972) 46 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in
Denmark in 1971. RISØ-R-265 (1972) 100 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in
the Faroes in 1971. RISØ-R-266 (1972) 20 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in
Greenland in 1971. RISØ-R-267 (1972) 18 p.

Hansen, H.J.M., Studies on the mechanism of fatty acid
synthesis in animals. The carboxylation of acetyl-CoA in the
presence of fatty acid synthetase. RISØ-R-275 (1972) 150 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in
Denmark in 1972. RISØ-R-291 (1973) 99 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in
the Faroes in 1972. RISØ-R-292 (1973) 21 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in
Greenland in 1972. RISØ-R-293 (1973) 17 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in
Denmark in 1973. RISØ-R-305 (1974) 96 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in
the Faroes in 1973. RISØ-R-306 (1974) 21 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in
Greenland in 1973. RISØ-R-307 (1973) 20 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in
Denmark in 1974. RISØ-R-323 (1975) 113 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in the Faroes in 1974. RISØ-R-324 (1975) 25 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Greenland in 1974. RISØ-R-325 (1975) 20 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Denmark in 1975. RISØ-R-345 (1976) 122 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in the Faroes in 1975. RISØ-R-346 (1976) 24 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Greenland in 1975. RISØ-R-347 (1976) 19 p.

Hedemann Jensen, P.; Lundtang Petersen, E.; Thykier-Nielsen, S.; Heikel Vinther, F., Calculation of the individual and population doses on Danish territory resulting from hypothetical core-melt accidents at the Barsebäck reactor. RISØ-R-356 (1977) 124 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Denmark in 1976. RISØ-R-361 (1977) 114 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in the Faroes in 1976. RISØ-R-362 (1977) 27 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Greenland in 1976. RISØ-R-363 (1977) 20 p.

Nielsen, S.P., In Situ measurements of environmental gamma radiation using a mobile Ge(Li) spectrometer system. RISØ-R-367 (1978) 88 p.

Aarkrog, A.; Bøtter-Jensen, L.; Dahlgård, H.; Hansen, H.; Lippert, J.; Nielsen, S.P.; Nilsson, K., Environmental radioactivity in Denmark in 1977. RISØ-R-386 (1978) 133 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in the Faroes in 1977. RISØ-R-387 (1978) 27 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in Greenland in 1977. RISØ-R-388 (1978) 20 p.

Aarkrog, A.; Bøtter-Jensen, L.; Dahlgaard, H.; Hansen, H.; Lippert, J.; Nielsen, S.P.; Nilsson, K., Environmental radioactivity in Denmark in 1978. RISØ-R-403 (1979) 138 p.

Aarkrog, A.; Hansen, H.; Lippert, J., Environmental radioactivity in the Faroes in 1978. RISØ-R-404 (1979) 29 p.

Aarkrog, A.; Hansen, H.; Lippert, J., Environmental radioactivity in Greenland in 1978. RISØ-R-405 (1979) 22 p.

Aarkrog, A.; Bøtter-Jensen, L.; Dahlgaard, H.; Hansen, H.; Lippert, J.; Nielsen, S.P.; Nilsson, K., Environmental radioactivity in Denmark in 1979. RISØ-R-421 (1980) 168 p.

Aarkrog, A.; Lippert, J., Environmental radioactivity in the Faroes in 1979. RISØ-R-422 (1980) 36 p.

Aarkrog, A.; Dahlgaard, H.; Holm, E.; Lippert, J.; Nilsson, K., Environmental radioactivity in Greenland in 1979. RISØ-R-423 (1980) 42 p.

Walmod-Larsen, O.; Jensen, N.O.; Kristensen, L.; Meide, A.; Nedergård, K.L.; Nielsen, F.; Lundtang Petersen, E.; Petersen, T.; Thykier-Nielsen, S., CARNSORE: Hypothetical reactor accident study. Risø-R-427 (1984) 219 p.

Aarkrog, A., Environmental studies on radioecological sensitivity and variability with special emphasis on the fallout nuclides ^{90}Sr and ^{137}Cs . Part 1. Main text. Risø-R-437(Pt.1) (1979) 267 p.

Aarkrog, A., Environmental studies on radioecological sensitivity and variability with special emphasis on the fallout nuclides ^{90}Sr and ^{137}Cs . Part 2. Appendices. Risø-R-437(Pt.2) (1979) vp.

Dahlgaard, H., Bioindicators for monitoring radioactive pollution of the marine environment. Experiments on the feasibility of *Mytilus* as a bioindicator in estuarine environments - with some comparisons to *Fucus*. RISØ-R-443 (1981) 134 p.

Aarkrog, A.; Bøtter-Jensen, L.; Dahlgaard, H.; Hansen, H.; Lippert, J.; Nielsen, S.P.; Nilsson, K., Environmental radioactivity in Denmark in 1980. RISØ-R-447 (1981) 148 p.

Aarkrog, A.; Lippert, J.; Dahlgaard, H., Environmental radioactivity in the Faroes in 1980. RISØ-R-448 (1981) 39 p.

Aarkrog, A.; Dahlgaard, H.; Holm, E.; Hansen, H.; Lippert, J.; Nilsson, K., Environmental radioactivity in Greenland in 1980. RISØ-R-449 (1981) 55 p.

Nielsen, O.J., A literature review on radioactivity transfer to plants and soil. Risø-R-450 (1981) 100 p.

Løvborg, L.; Christiansen, E.M.; Bøtter-Jensen, L.; Kirkegaard, P., Pad facility for the calibration of gamma-ray measurements of rocks. RISØ-R-454 (1981) 43 p.

Gjørup, H.L.; Jensen, N.O.; Hedemann Jensen, P.; Kristensen, L.; Nielsen, O.J.; Petersen, E.L.; Petersen, T.; Roed, J.; Thykier-Nielsen, S.; Heikel Vinther, F.; Warming, L.; Aarkrog, A., Radioactive contamination of Danish Territory after core-melt accidents at the Barsebäck Power Plant. Risø-R-462 (1982) 186 p.

Aarkrog, A.; Bøtter-Jensen, L.; Dahlgaard, H.; Hansen, H.; Lippert, J.; Nielsen, S.P.; Nilsson, K., Environmental radioactivity in Denmark in 1981. Risø-R-469 (1982) 159 p.

Aarkrog, A.; Dahlgaard, H.; Hallstadius, L.; Holm, E.; Lippert, J., Environmental radioactivity in the Faroes in 1981. Risø-R-470 (1982) 54 p.

Aarkrog, A.; Dahlgaard, H.; Holm, E.; Hansen, H.; Lippert, J.; Nilsson, K., Environmental radioactivity in Greenland in 1981. Risø-R-471 (1982) 44 p.

Aarkrog, A.; Bøtter-Jensen, L.; Dahlgaard, H.; Hansen, H.; Lippert, J.; Nielsen, S.P., Environmental radioactivity in Denmark in 1982. Risø-R-487 (1983) 145 p.

Aarkrog, A.; Dahlgaard, H.; Hallstadius, L.; Holm, E.; Hansen, H.; Lippert, J., Environmental radioactivity in the Faroes in 1982. Risø-R-488 (1983) 59 p.

Aarkrog, A.; Dahlgaard, H.; Hallstadius, L.; Holm, E.; Hansen, H.; Lippert, J., Environmental radioactivity in Greenland in 1982. Risø-R-489 (1983) 47 p.

Larsen, G.C.; Roed, J.; Andersen, S.I., Gas Explosion Characterization, Wave Propagation: (Half-Scale Experiments). Risø-R-499 (1985) 162 p.

Aarkrog, A.; Boelskifte, S.; Bøtter-Jensen, L.; Dahlgaard, H.; Hansen, H.; Nielsen, S.P., Environmental radioactivity in Denmark in 1983. Risø-R-509 (1984) 143 p.

Aarkrog, A.; Boelskifte, S.; Buch, E.; Christensen, G.C.; Dahlgaard, H.; Hallstadius, L.; Hansen, H.; Holm, E.; Mattsson, S.; Meide, A., Environmental radioactivity in the North Atlantic Region. The Faroe Islands and Greenland included. 1983. Risø-R-510 (1984) 91 p.

Roed, J., Dry deposition of urban surfaces.
Risø-R-515 (1985) 23 p.

Aarkrog, A.; Boelskifte, S.; Bøtter-Jensen, L.;
Dahlgaard, H.; Hansen, H.; Nielsen, S.P., Environmental
radioactivity in Denmark in 1984. Risø-R-527 (1985) 153 p.

Aarkrog, A.; Boelskifte, S.; Buch, E.; Christensen, G.C.;
Dahlgaard, H.; Hallstadius, L.; Hansen, H.; Holm, E.,
Environmental radioactivity in the North Atlantic
Region. The Faroe Islands and Greenland included. 1984.
Risø-R-528 (1985) 101 p.

Aarkrog, A.; Boelskifte, S.; Bøtter-Jensen, L.;
Dahlgaard, H.; Hansen, H.; Nielsen, S.P., Environmental
Radioactivity in Denmark in 1985. Risø-R-540 (1987) 146 p.

Aarkrog, A.; Boelskifte, S.; Buch, E.; Christensen, G.C.;
Dahlgaard, H.; Hallstadius, L.; Hansen, H.; Holm, E.;
Riosco, J., Environmental Radioactivity in the North
Atlantic Region. The Faroe Islands and Greenland included.
1985. Risø-R-541 (1987) 83 p.

Aarkrog, A.; Bøtter-Jensen, L.; Chen, Q.J.; Dahlgaard, H.;
Hansen, H.; Holm, E.; Lauridsen, B.; Nielsen, S.P.;
Sogaard-Hansen, J., Environmental Radioactivity in Denmark
in 1986. Risø-R-549 (1988) 272 p.

Aarkrog, A.; Buch, E.; Chen, Q.J.; Christensen, G.C.;
Dahlgaard, H.; Hansen, H.; Holm, E.; Nielsen, S.P.,
Environmental Radioactivity in the North Atlantic Region
including the Faroe Islands and Greenland 1986.
Risø-R-550 (1988) 69 p.

Aarkrog, A.; Bøtter-Jensen, L.; Chen, Q.J.; Dahlgaard, H.;
Hansen, H.; Holm, E.; Lauridsen, B.; Nielsen, S.P.;
Sogaard-Hansen, J., Environmental Radioactivity in Denmark 1987.
Risø-R-563 (1989) 142 p.

Aarkrog, A.; Buch, E.; Chen, Q.J.; Christensen, G.C.;
Dahlgaard, H.; Hansen, H.; Holm, E.; Nielsen, S.P.,
Environmental Radioactivity in the North Atlantic Region
including the Faroe Islands and Greenland 1987.
Risø-R-564 (1989) 80 p.

RISØ-M-Reports

Przyborski, W.; Roed, J.; Lippert, J.;
Sarholt-Kristensen, L., Oxidation-stripping of n-type
Si films for precise determination of the profiles of
Donor-type ions implanted in Si. Risø-M-776 (1968) 14 p.

Bøtter-Jensen, L., Nyt automatisk Co⁶⁰ bestrålings- og kali-
breringsanlæg i Helsefysisk afdeling. Risø-M-932 (1969) 14 p.

Bøtter Jensen, L.; Christensen, P., A method for
measurement of transit dose in extracorporal blood
irradiation facilities by means of thermoluminescence.
Risø-M-1203 (1969) 12 p.

Zak, W.M.; Walmod-Larsen, O., Calibration of airborne and
gaseous activity monitors used in the DR3 reactor by 41-Ar
and 133-Xe. Risø-M-1215 (1970) 15 p.

Bøtter-Jensen, L., A reader for the measurement of solid
thermoluminescence dosimeters by means of hot nitrogen gas.
Risø-M-1238 (1970) 8 p.

Kjær Markussen, E., Radiochemical procedures for the deter-
mination of plutonium in environmental samples.
Risø-M-1242 (1970) 5 p.

Bøtter-Jensen, L.; Griffin, S.; Ravn Sørensen, P.,
A portable continuous sampling instrument for airborne
beta/gamma contamination, incorporating an automatic
warning alarm. RISØ-M-1724 (1974) 9 p.

Thykier-Nielsen, S., Modeller til beregning af eksterne
gammadoser og inhalationsdoser fra frigørelser til
atmosfæren af radioaktive stoffer. RISØ-M-1725 (1974) 49 p.

Hedemann Jensen, P., Sammenligning af matematiske modeller
til beregning af eksterne gammadoser hidrørende fra radio-
aktivitetsfrigørelser til atmosfæren. RISØ-M-1726 (1974) 169 p.

Lippert, J., STATDATA. A B6700 program for handling and statistical treatment of measurement results.

RISØ-M-1780 (1975) 75 p.

Christensen, P.; Bøtter-Jensen, L.; Majborn.; The response of thermoluminescence dosimeters to monoenergetic photons of energies between 15 keV and 100 keV.

RISØ-M-1787 (1975) 17 p.

Nowicki, K., An estimation of population doses from a nuclear plant during normal operation.

RISØ-M-1808 (1975) 100 p.

Majborn, B., Nuclear accident dosimetry measurements at the 4th IAEA Intercomparison, Harwell, U.K., April 1975.

RISØ-M-1830 (1975) 22 p.

Beregning af relevante individ- og befolkningsdoser på dansk territorium fra hypotetiske kernenedsmeltningsuheld på Barsebäck reaktoren. Risø-M-1905 (1977) vp.

Thykier-Nielsen, S., Comparison of Nordic dose models.

RISØ-M-1972 (1978) 199 p.

Bøtter-Jensen, L.; Christensen, P.; Leth-Nielsen, B., External radiation exposure associated with uranium-thorium mineralisation on the Kvanefjeld plateau, Greenland.

RISØ-M-1989 (1978) 16 p.

Majborn, B., The response of a neutron rem counter to thermal, to intermediate-energy, and to fast neutrons.

RISØ-M-1994 (1978) 11 p.

Gjørup, H.L.; Hedemann Jensen, P.; Jensen, N.O.; Pejtersen, V.; Lundtang Petersen, E.; Petersen, T.; Thykier-Nielsen, S.; Heikel Vinther, G., En teknisk vurdering af Jan Beyea's rapport: A study of some of the consequences of hypothetical reactor accidents at Barsebäck.

RISØ-M-1997 (1978) 15 p.

Gjørup, H.L.; Hedemann Jensen, P.; Jensen, N.O.;
Pejtersen, V.; Lundtang Petersen, E.; Petersen, T.;
Thykier-Nielsen, S.; Heikel Vinther, F., A technical
evaluation of Jan Beyea's report: "A study of some of the
consequences of hypothetical reactor accidents at Barsebäck".
RISØ-M-2108 (1978) 20 p.

Hedemann Jensen, P.; Thykier-Nielsen, S., Recommendations
of dose buildup factors used in models for calculating
gamma doses from a plume. RISØ-M-2204 (1980) 66 p.

Thykier-Nielsen, S.; Larsen, S.E., The Importance of
Deposition for Individual and Collective Doses in
Connection with Routine Releases from Nuclear Power Plants.
RISØ-M-2205 (1982) 56 p.

Gjørup, H.L.; Hedemann Jensen, P.; Lundtang Petersen, E.;
Petersen, T.; Roed, J.; Thykier-Nielsen, S.; Heikel
Vinther, F.; Warming, L.; Aarkrog, A., Konsekvenser af en
landforurening med radioaktive stoffer på Sjælland efter
et hypotetisk kernenedsmeltningsuheld på Barsebäck.
RISØ-M-2212 (1981) 195 p.

Thykier-Nielsen, S., The Risø model for calculating the
consequences of the release of radioactive material to the
atmosphere. RISØ-M-2214 (1980) 65 p.

Gjørup, H.L.; Roed, J., A note of relationship between
outdoor and indoor exposure integrals for air pollution
of outdoor origin. RISØ-M-2234 (1980) 17 p.

Nielsen, S.P.; Bøtter-Jensen, L., An intercomparison of
detectors for measurements of background radiation.
RISØ-M-2239 (1981) 39 p.

Bøtter-Jensen, L.; Nielsen, S.P., A Nordic intercomparison
of detector systems for background radiation monitoring.
RISØ-M-2266 (1981) 31 p.

Hedemann Jensen, P., Shielding factors for gamma radiation from activity deposited on structures and ground surfaces. RISØ-M-2270 (1982) 45 p.

Warming, L., Weathering and Decontamination of Radioactivity deposited on Asphalt Surfaces. RISØ-M-2273 (1982) 22 p.

Roed, J., Undersøgelse af overfladedeponering med henblik på beregning af deponering af luftbåret materiale frigjort ved kernenedsmeltning i kraftreaktorer. RISØ-M-2274 (1981) 31 p.

Roed, J., Reduktion af dosis ved nedpløjning af gamma-aktive isotoper. RISØ-M-2275 (1982) 27 p.

Nielsen, F.; Walmod-Larsen, O., Modelberegninger af befolkningsfordelingens betydning for valg og placering af kernekraftværker. RISØ-M-2295 (1984) 85 p.

Becher, P.E.; Gjørup, H.L.; Meide, A.; Micheelsen, B.; Thykier-Nielsen, S.; Pejtersen, V.S.; Petersen, T, Calculation of dose consequences of a hypothetical large accident at a nuclear power reactor. RISØ-M-2299 (1982) 46 p.

Lauridsen, B., Table of Exposure Rate Constants and Dose Equivalent Rate Constants. RISØ-M-2322 (1982) 432 p.

Lauridsen, B.; Hedemann Jensen, P., Shielding factors for vehicles to gamma radiation from activity deposited on structures and ground surfaces. RISØ-M-2339 (1982) 20 p.

Lippert, J., STATDATA, et program til generel databehandling på B7800. RISØ-M-2358 (1982) 110 p.

Hedemann Jensen, P., Exposure rates from concrete covered cylindrical units containing radioactive waste. RISØ-M-2368 (1983) 22 p.

Walmod-Larsen, O.; Starcke, K., Sammenligning af Barsebäckværket med andre kernekraftværker nær storbyer og landegrænser. RISØ-M-2408 (1984) 65 p.

Health Physics Department. Annual progress report 1 Januar - 31 December 1983. RISØ-M-2442 (1984) 39 p.

Roed, J., Run-off from roofs. RISØ-M-2471 (1985) 17 p.

Warming, L., Forced decontamination of fission products deposited on urban areas. A literature study. RISØ-M-2472 (1984) 21 p.

Warming, L., Weathering and decontamination of radioactivity deposited on concrete surfaces. RISØ-M-2473 (1984) 13 p.

Hedemann Jensen, P., Calculated shielding factors for selected European houses. RISØ-M-2474 (1984) 33 p.

Heikel Vinther, F.; Nielsen, O.J., A literature review on wet deposition. RISØ-M-2475 (1984) 20 p.

Roed, J., Relationship in indoor/outdoor air pollution. RISØ-M-2476 (1985) 40 p.

Meide, A., Computer modelling of radioactive source terms at a Tokamak reactor. RISØ-M-2482 (1984) 10 p.

Sørensen, A.; Bøtter-Jensen, L.; Majborn, B.; Nielsen, S.P., A pilot investigation of natural radiation in Danish houses. RISØ-M-2483 (1985) 38 p.

Roed, J.; Gjørup, H.L.; Prip, H., Huses beskyttende virkning ved luftforureningsuheld. RISØ-M-2484 (1985) 187 p.

Health Physics Department. Annual progress report 1 Januar - 31 December 1984. RISØ-M-2502 (1985) 48 p.

Aarkrog, A. (ed.), Bioindicator studies in Nordic waters.
RISØ-M-2517 (1985) 74 p.

Bøtter-Jensen, L.; Nielsen, S.P.. A multi-laboratory testing
of calibration methods for environmental dose rate meters.
RISØ-M-2542 (1985) 54 p.

Roed, J., Reclamation of urban areas. RISØ-M-2554 (1986) 26 p.

Health Physics Department. Annual progress report 1 Januar -
31 December 1985. RISØ-M-2557 (1986) 41 p.

Boelskifte, S., Dispersion and current measurements. An
investigation based on time series analysis and turbulence
models. RISØ-M-2566 (1986) 151 p.

Nielsen, F.; Thykier-Nielsen, S.; Walmod-Larsen, O.,
Metode for konsekvensberegninger for store havarier.
Transient-uheld med sikkerhedsventil på Ringhals I.
RISØ-M-2598 (1986) 63 p.

Nielsen, F., Metode for konsekvensberegninger for store
havarier. 0,1 pct. udslip (i overensstemmelse med SSI)
fra Barsebäck. RISØ-M-2623 (1987) 42 p.

Nielsen, F.; Thykier-Nielsen, S., Metode for
konsekvensberegninger for store havarier. 0,06 pct. udslip
fra Forsmark 3. Risø-M-2624 (1987) 67 p.

Furuta, S.; Bøtter-Jensen, L.; Nielsen, S.P.,
Measurements of Environmental Gamma-Ray Spectra using a
Multi-Element TL Dosemeter. Risø-M-2637 (1986) 58 p.

Health Physics Department. Annual Progress Report 1 Jan
- 31 Dec 1986. Risø-M-2642 (1987) 48 p.

Nielsen, F., Metode for konsekvensberegninger for store
havarier. Udslip fra Ringhals 3/4 gennem scrubber
forårsaget af totalt elbortfald. Risø-M-2655 (1988) 68 p.

Chen, Q.J.; Aarkrog, A.; Dick, H.; Mandrup, K.,
Determination of Technetium-99 in Environmental Samples by
Solvent Extraction at Controlled Valence.
Risø-M-2671 (1987) 31 p.

Thykier-Nielsen, S.; Mikkelsen, T., RIMPUFF. Users Guide.
Version 20. Risø-M-2673 (1987) 154 p.

Majborn, B.; Sørensen, A.; Nielsen, S.P.; Bøtter-Jensen,
L., An Investigation of Factors Influencing Indoor Radon
Concentrations. Risø-M-2689 (1988) 58 p.

Aarkrog, A.; Nielsen, S.P.; Dahlgaard, H.; Lauridsen, B.;
Søgaard-Hansen, J., Slutrapportering af Risøs måleprogram
(Fase 3) i forbindelse med Tjernobylulykken. Hovedrapport.
Risø-M-2692 (1988) 82 p.

Aarkrog, A.; Nielsen, S.P.; Dahlgaard, H.; Lauridsen, B.;
Søgaard-Hansen, J., Slutrapportering af Risøs måleprogram
i forbindelse med Tjernobylulykken. Appendix 1: Beskrivelse
af måleprogrammet. Risø-M-2692(app.1) (1988) 20 p.

Aarkrog, A.; Nielsen, S.P.; Dahlgaard, H.; Lauridsen, B.;
Søgaard-Hansen, J., Slutrapportering af Risøs måleprogram
i forbindelse med Tjernobylulykken. Appendix 2: Chernobyl
Monitoring Data Compiled. Risø-M-2692(app.2) (1988) 112 p.

Mikkelsen, T.; Hansen, A.; Eckman, R. M.;
Thykier-Nielsen, S., Project WIND, Phase IV, Dispersion
Study: Aerial Smoke Plume Observations and Surface Layer
Turbulence Measurements. Part 1.
Risø-M-2718(pt.1) (1989) 130 p.

Nielsen, F., Metode for konsekvensberegninger for store
havarier. Udslip fra Forsmark 3 forårsaget af totalt
elbortfald og tidlig sprængpladeåbning.
Risø-M-2721 (1988) 68 p.

Health Physics Department. Annual Progress Report 1 Jan - 31 Dec 1987. Risø-M-2726 (1988) 48 p.

Chen, Q.J.; Aarkrog, A.; Dahlgaard, H.; Nielsen, S.P.; Jensen, H.L.; Bruun, J.; Holm Pedersen, A.; Mandrup, K., Determination of ^{99}Tc in Environmental Samples by Anion Exchange. Risø-M-2739 (1988) 20 p.

Kanyar, B.; Nielsen, S.P., Users Guide for the Program TAMDYN. A Modelling Tool for Use on Personal Computers to Simulate Environmental Transport of Contaminants. Risø-M-2741 (1988) 30 p.

Aarkrog, A., An Examination of the Dilution of Waterborne Pollution from the German Bight to the Cattegat by Means of Radioactive Tracers. Risø-M-2746 (1988) 18 p.

Health Physics Department. Annual Progress Report 1 January to 31 December 1988. Risø-M-2783 (1989) 26 p.

Øhlenschläger, M.; Gissel-Nielsen, G., Transfer of Radiocaesium to Barley, Rye Grass and Pea. Risø-M-2831 (1989) 20 p.

<p>Title and author(s)</p> <p>List of selected Publications from Riso's Health Physics Department 1957-1989</p> <p>compiled by Frits Heikel Vinther</p>	<p>Date January 1991</p>
	<p>Department or group</p> <p>Health Physics</p>
	<p>Groups own registration number(s)</p>
	<p>Project/contract no.</p>
<p>Pages 95 Tables Illustrations References</p>	<p>ISSN 87-550-1701-0</p>
<p>Abstract (Max. 2000 char.)</p> <p><u>Abstract.</u> This list includes scientific and technical papers written by staff members of the former Health Physics Department of Riso National Laboratory.</p> <p>The first part includes papers in periodicals, proceedings etc. in order of chronology while the second and third part include Riso-R and Riso-M reports respectively arranged according to report numbers.</p>	
<p>Descriptors - INIS</p> <p>BIBLIOGRAPHIES; RADIATION PROTECTION; RISOE NATIONAL LABORATORY</p> <p>Available on request from Riso Library, Riso National Laboratory. (Riso Bibliotek, Forskningscenter Riso). P.O. Box 49, DK-4000 Roskilde, Denmark. Telephone +45 42 37 12 12, ext. 2268/2269. Telex: 43116, Telefax: +45 46 75 56 27</p>	

Available on exchange from:
Risø Library
Risø National Laboratory,
P.O. Box 49, DK-4000 Roskilde, Denmark
Phone + 45 42 37 12 12, ext. 2268/2269
Telex 43116, Telefax + 45 46 75 56 27

ISBN 87-550-1701-0
ISSN 0418-6435